

FINAL AGENDA

SUNDAY 14.01.2024 | ABBEY HALL CLOSED

09:00	<p>X-Bundle Retreat: Workshop I Chair: Robert Stegwee, <i>Chair, CEN/TC251</i> Cooperation among xShare and XpanDH projects on X-Bundles, targeted aggregations of interoperability assets that support the connection of health systems based on EHRxF specifications.</p> <p>Part 1</p>
11:00	COFFEE BREAK
11:30	<p>X-Bundle Retreat: Workshop I Chair: Robert Stegwee, <i>Chair, CEN/TC251</i> Cooperation among xShare and XpanDH projects on X-Bundles, targeted aggregations of interoperability assets that support the connection of health systems based on EHRxF specifications.</p> <p>Part 2</p>
13:00	LUNCH BREAK
14:00	Joint Initiative Council Meeting
15:30	COFFEE BREAK
16:00	Joint Initiative Council Meeting

MONDAY 15.01.2024 | ATTICA HALL OPEN

09:30	<p>Plenary Session: Athens Digital Health Week Opening Master of Ceremonies: Alexander Berler, Vice Chair, HL7 Hellas</p> <p>Welcome Addresses:</p> <ul style="list-style-type: none"> ▪ Niki Tsouma, President of the Board & CEO, e-Government Center for Social Security (IDIKA SA) ▪ Panagiotis Bamidis, Chair, HL7 Hellas ▪ Video message by Charles Jaffe, CEO, HL7 International <p>Keynote Speakers:</p> <ul style="list-style-type: none"> ▪ Dan Vreeman, Chief Standards Development Officer, HL7 International ▪ Ian Green, Customer Relations Lead, Europe & Global Clinical Engagement Manager, SNOMED International
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Standards and Stakeholders panel:

- **Herko Coomans**, International Digital Health Coordinator, Ministry of Health, Welfare and Sport of The Netherlands | Dept of Health Information Policy/Chief Information Office | Global Digital Health Partnership (GDHP) Chair office (online)
- **W. Ed Hammond**, Emeritus Chair, HL7 International
- **Andreas Klingler**, Vendor Co-Chair, IHE Europe
- **Petra Hoogendoorn**, Lead expert CEN-ISO/TS 82304-2; Coordinator Horizon Europe project Label2Enable
- **Marjorie Rallins**, Executive Director, Health Data Standards, LOINC

Moderator: **Robert Stegwee**, Chair, CEN/TC251 Health Informatics

Interpreting will be available for this session (English into Greek and vice-versa)

11:00

COFFEE BREAK | ΔΙΑΛΕΙΜΜΑ ΚΑΦΕ

11:30

Plenary Session 1: HL7 Hellas *Session in Greek* | *Συνεδρία στα ελληνικά*
Digital Health Transformation Projects in Greece

ΟΛΟΜΕΛΕΙΑ 1 HL7 HELLAS

ΕΡΓΑ ΨΗΦΙΑΚΟΥ ΜΕΤΑΣΧΗΜΑΤΙΣΜΟΥ ΥΓΕΙΑΣ ΣΤΗΝ ΕΛΛΑΔΑ

Συντονιστής: Παναγιώτης Μπαμίδης, Πρόεδρος HL7 Hellas

Εισαγωγικές Ομιλίες:

- **Νίκη Τσούμα**, Πρόεδρος Δ.Σ. και Διευθύνουσα Σύμβουλος ΗΔΙΚΑ Α.Ε.
- **Άρης Αγγελής**, Γ.Γ. Στρατηγικού Σχεδιασμού, Υπουργείο Υγείας, Ελλάδα

Προαπαιτούμενα λειτουργίας του πλαισίου διαλειτουργικότητας στην Ηλεκτρονική Υγεία

- **Αλέξανδρος Μπέρλερ**, Αντιπρόεδρος HL7 Hellas

Στρογγυλή Τράπεζα

Συντονιστής: **Χαράλαμπος Καρανίκας**, Επικ. Καθηγητής Ιατρικής Πληροφορικής και Συστημάτων Ηλεκτρονικής Υγείας, Τμήμα Πληροφορικής με Εφαρμογές στη Βιοϊατρική, Πανεπιστήμιο Θεσσαλίας | Γ.Γ. Ελληνικής Εταιρείας Μελέτης Εφαρμογών Πληροφορικής Υγείας (ΕΕΜΕΠΥ)

- **Βασίλης Μπαλάνης**, Διευθύνων Σύμβουλος ΟΔΙΠΥ ΑΕ
- **Παντελής Μεσσαρόπουλος**, Πρόεδρος Ελληνικού Ινστιτούτου DRG (ΚΕΤΕΚΝΥ ΑΕ)
- **Χρήστος Χατζηχριστοδούλου**, Πρόεδρος ΕΟΔΥ
- **Δημήτρης Κατεχάκης**, Επικεφαλής Κέντρου Εφαρμογών και Υπηρεσιών Ηλεκτρονικής Υγείας, Ι.Τ.Ε. | Γενικός Γραμματέας HL7 Hellas

13:00

LUNCH BREAK | ΔΙΑΛΕΙΜΜΑ - ΓΕΥΜΑ

14:00

Plenary Session 2: HL7 Hellas *Session in Greek* | *Συνεδρία στα ελληνικά*
Innovation & Development Projects

ΟΛΟΜΕΛΕΙΑ 2: HL7 HELLAS

ΕΡΓΑ ΑΝΑΠΤΥΞΗΣ ΚΑΙΝΟΤΟΜΙΑΣ

Συντονιστής: Αλέξανδρος Μπέρλερ, Αντιπρόεδρος HL7 Hellas

Ομιλητές:

- smartHEALTH - Δημήτρης Κατεχάκης, Επικεφαλής Κέντρου Εφαρμογών και Υπηρεσιών Ηλεκτρονικής Υγείας, ΙΤΕ | Γενικός Γραμματέας HL7 Hellas
- ManagiDITH - Παναγιώτης Μπαμίδης, Καθηγητής ΑΠΘ | Πρόεδρος HL7 Hellas
- Health Technology Assessment in Digital Healthcare - Πάνος Σταφυλάς, Καρδιολόγος / Επιστημονικός Συνεργάτης Ιατρικής Σχολής ΑΠΘ | Επιστημονικός Διευθυντής HealThink
- RAISE - Ευδόκιμος Κωνσταντινίδης, Πρόεδρος European Network of Living Labs (ENoLL) | Συντονιστής έργου RAISE HE
- Τεχνητή Νοημοσύνη στην Υγεία - Νίκος Ιωσήφ, Πρόεδρος Human Health Intelligence Org. (HHI)
- The EU program Joint Action eCAN (STRENGTHENING EHEALTH FOR CANCER PATIENTS) - Ευθύβουλος Κυριάκου, Επίκουρος Καθηγητής, Τεχνολογικό Πανεπιστήμιο Κύπρου

15:30

COFFEE BREAK | ΔΙΑΛΕΙΜΜΑ ΚΑΦΕ

16:00

Opportunities and Challenges in Digital Health Transformation

Session in Greek | Συνεδρία στα ελληνικά

ΕΥΚΑΙΡΙΕΣ ΚΑΙ ΠΡΟΚΛΗΣΕΙΣ ΣΤΟΝ ΨΗΦΙΑΚΟ ΜΕΤΑΣΧΗΜΑΤΙΣΜΟ ΤΗΣ ΥΓΕΙΑΣ

Προεδρείο: **Αντιόπη Πάνου**, Προϊσταμένη Τμήματος Ανάλυσης και Σχεδιασμού, Διεύθυνση Οριζόντιων Δράσεων Ηλεκτρονικής Υγείας, Γενική Διεύθυνση Ηλεκτρονικής Υγείας, Η.ΔΙ.ΚΑ. Α.Ε.

Εισαγωγή - Χαιρετισμός:

- **Ειρήνη Αγαπηδάκη**, Αναπληρώτρια Υπουργός Υγείας

Ομιλητές:

- E-health solutions - **Χρήστος Ροβολής**, Head of ICT Consulting & Solution Management, OTE Group
- Διαμορφώνοντας το μέλλον της υγείας με τη χρήση τεχνητής νοημοσύνης - **Θρασύβουλος Παπαγγέλης**, Business Development Manager, BYTE
- Αντιμετωπίζοντας τις προκλήσεις με την ψηφιακή υγεία και τον ασθενή στο κέντρο - **Κωστής Καγγελίδης**, Διευθύνων Σύμβουλος Γνώμων Πληροφορική Α.Ε.
- Η πρόκληση της εφαρμογής της τεχνητής νοημοσύνης στην υποβοήθηση διάγνωσης απεικονιστικών εξετάσεων - **Δήμος Κοντοράβδης**, Senior Director/Public Sector Services Unit Leader, PLANET
- Unleashing Potential: NOVA ICT as the Enabler of Change on e-Health - **Αλέξανδρος Μπρέγιαννης**, Διευθύνων Σύμβουλος NOVA ICT
- Κεντρική πρόσβαση στις ακτινοδιαγνωστικές εικόνες του Ε.Σ.Υ. - **Κώστας Πετρόπουλος**, Τεχνικός Διευθυντής IknowHealth S.A.

Σύντομη παρουσίαση, **Μαρία Μισέντου**, Μέλος Δ.Σ., Human Health Intelligence Org. (HHI)

17:30

CLOSED

HL7 Hellas General Assembly | ΓΕΝΙΚΗ ΣΥΝΕΛΕΥΣΗ HL7 HELLAS

MONDAY 15.01.2024 | **ROOF BAR NETWORKING**

19:30

Cocktail Reception and Dinner

“Ioannis” Roof Bar, Royal Olympic Hotel

MONDAY 15.01.2024 | **KALLIRHOE HALL CLOSED**

11:30

ManaGiDITH: Development of pedagogical Manuscript, Building in Moodle

13:00

LUNCH BREAK

ATHENS DIGITAL HEALTH WEEK

15-19th January 2024 | Royal Olympic Hotel

CO-ORGANIZERS



HOSTED BY



14:00	ManaGiDITH: Development of pedagogical Manuscript, Building in Moodle
15:30	COFFEE BREAK
16:00	ManaGiDITH: Development of pedagogical Manuscript, Building in Moodle <i>Session ends at 17:30</i>

MONDAY 15.01.2024 | **TEMPLARS HALL** **HL7 EUR WGM**

11:30	HL7 European Strategic Advisory Board <i>Closed Meeting</i>
13:00	LUNCH BREAK
14:00	HL7 European Strategic Advisory Board <i>Closed Meeting</i>
15:30	COFFEE BREAK
16:00	HL7 Europe Board Meeting <i>Closed Meeting</i>
17:30	HL7 Europe Board Meeting <i>Closed Meeting</i>

MONDAY 15.01.2024 | **ABBAY HALL**

11:30	TUTORIAL FHIR for Starters René Spronk, <i>Training Product Manager, Trainer, Firely</i> Do you know next to nothing about FHIR and would you like to understand its core components? This tutorial is aimed at a wide-ranging audience and covers all core aspects of the FHIR specification, inclusive of resources, references, profiling, extensions, use in interoperability projects and government regulations.
13:15	OPEN OpenEHR and FHIR Why have we achieved in using OpenEHR and FHIR together and how are the standards being used practically together in healthcare systems Rachel Dunscombe, <i>CEO, OpenEHR International</i> <i>Organised by HL7 Europe</i> <i>Session ends at 13:45</i>
14:00	TUTORIAL

FHIR Advanced

René Spronk, *Training Product Manager, Trainer, Firely*

Would you like to fire up a bit more? This tutorial offers a detailed look at some FHIR topics: laboratory order management and results reporting, use of terminologies and search.

15:30

COFFEE BREAK

16:00

TUTORIAL

Introduction to SNOMED

Ian Green, *Customer Relations Lead, Europe & Global Clinical Engagement Manager, SNOMED International*

SNOMED CT is the largest global terminology, which is increasingly being used in multiple countries to support both primary, secondary and tertiary point of care recording. In addition, SNOMED CTs ontological construction makes it ideal to support data analysis across all healthcare domains. The session will introduce the structure of SNOMED CT and will also include examples of current use cases from across the world. The aim of the session is to both inform regarding current usage globally, and to explore future opportunities for optimising SNOMED CT implementations.

TUESDAY 16.01.2024 | KALLIRHOE HALL HACK

11:30	HL7 FHIR Marathon / Virtual Connectathon Track 1. HL7 FHIR for Labs implementation Guide (European Realm) Track 2. Vulcan ePI/GH track: ePI/eLabeling with Global IDMP WG Track 3. International Patient Summary (IPS) Alignment of European HL7 FHIR Implementation Guides Track 4. FHIR in European Cancer Mission projects: Alignment of HL7 FHIR Implementation Guides
13:00	LUNCH BREAK
14:00	HL7 FHIR Marathon / Virtual Connectathon Tracks 1-4
15:30	COFFEE BREAK
16:00	HL7 FHIR Marathon / Virtual Connectathon Tracks 1-4

TUESDAY 16.01.2024 | ATTICA HALL OPEN

09:30	OFFICIAL OPENING Plenary Session: European Health Data Space - EHDS <i>co organised by the National eHealth Authority of Cyprus - Joint Action Extended EHR@EU Data Space for Primary Use Xt-EHR</i> Welcome Addresses: <ul style="list-style-type: none"> ▪ Adonis Georgiadis, Minister of Health of the Hellenic Republic ▪ Dimitris Papastergiou, Minister of Digital Governance of the Hellenic Republic ▪ Michalis Damianos, Minister of Health, Republic of Cyprus Keynote Speakers: <ul style="list-style-type: none"> ▪ Christos N. Schizas, President of the National eHealth Authority of Cyprus Coordinator of Xt-EHR ▪ Andreas Klingler, Vendor Co-Chair, IHE-Europe ▪ Lorena Androutsou, Project adviser, European Health and Digital Executive Agency (HaDEA) (<i>online</i>) Chairs: Panagiotis Bamidis , Professor of Medical Physics, Informatics and Medical Education and Director of the Lab of Medical Physics and Digital Innovation, School of Medicine, Aristotle University of Thessaloniki, Greece; Chair, HL7 Hellas, and Niki Tsouma , President of the Board & CEO, e-Government Center for Social Security (IDIKA S.A.)
11:00	COFFEE BREAK
11:30	ManaGIDITH and IHE Joint Training Session The goal of this workshop is to provide comprehensive training and insights for participants, aligning with the objectives of the new master program developed by ISCTE and the University of Thessaloniki. The workshop aims to achieve the following:

- Understanding IHE Governance and framework:
 - Clarify the role and significance of IHE governance in healthcare interoperability.
 - Equip participants with the knowledge needed to navigate governance structures effectively.
 - Define and explain the components of interoperability frameworks.
- Insights into the Testing Continuum:
 - Foster an understanding of the testing continuum in the context of healthcare interoperability.
 - Share strategies for effective interoperability testing.
- Mastering Specification, Test Plans, and Examples:
 - Dive into the details of specification development in interoperability initiatives.
 - Equip participants with the skills to craft effective test plans through practical examples.

By the end of the workshop, participants should have gained a comprehensive understanding of IHE, interoperability frameworks, and the practical application of these concepts in healthcare settings. The goal is to empower individuals involved in healthcare systems with the knowledge and skills necessary to contribute effectively to the evolving landscape of healthcare interoperability.

- Welcome, **Andreas Klingler**, Vendor Co-Chair, IHE-Europe
- Understanding IHE Governance and framework, **Derek Ritz**, Expert consultant, IHE-Europe
- Insights into the Testing Continuum, **Claudio Saccavini**, Managing Director, IHE Catalyst
- Mastering Specification, Test Plans, and Examples, **Anne-Gaëlle Berge**, Chair of Tools and Testing Strategy (T²S) Committee, IHE-Europe/Kereval
- Closing, **Andreas Klingler**

13:00

LUNCH BREAK

14:00

ManaGIDITH and IHE Best Practices and Experience

The goal of this workshop is to provide a comprehensive and insightful exploration of IHE best practices and experiences, catering to an audience consisting of industry professionals and users. Key objectives include:

- **Methodology**

Gain a thorough understanding of the IHE methodology, fostering awareness of the structured approach used in developing IHE profiles.

- **Showcasing Best Practices and Experiences**

Explore successful IHE implementation projects in different European countries.

Provide practical examples and best practices from Switzerland, Austria, Belgium, France and Italy offering diverse perspectives on successful IHE adoption.

Enable participants to apply best practices in their respective contexts, contributing to the advancement of interoperability and healthcare standards.

Ultimately, the workshop aims to create a collaborative environment where participants can gain valuable knowledge, learn from successful implementations, and engage in meaningful discussions to enhance their understanding of IHE best practices. The diverse range of presentations and discussions is designed to cater to the needs and interests of both industry representatives and users, fostering a community-driven approach to advancing healthcare interoperability.

Welcome, **Andreas Klingler**, Vendor Co-Chair, IHE-Europe

Introduction on the IHE Methodology, **Derek Ritz**, Expert consultant, IHE-Europe

Successful implementation/projects

- Switzerland - **Stéphane Spahni**, Deputy User Co-Chair, IHE-Europe
 - Austria - **Gabriel Kleinoscheg**, eHealth Standards Engineer, ELGA GmbH
 - Belgium - **Pieter Devolder**, European Affairs Committee Chair, IHE-Europe
 - Italy - **Claudio Saccavini**, Managing Director, IHE Catalyst
- Closing, **Andreas Klingler**, Vendor Co-Chair, IHE-Europe

15:30

COFFEE BREAK

16:00

XpanDH Workshop

Panel: Thoughts on the readiness models: What are the reasons to align/benefit from the format and its prospects for xShare

XpanDH project supports an expanding ecosystem of individuals and organizations that are developing, experimenting and adopting the European Electronic Health Record Exchange Format (EEHRxF) providing a crucial contribution to the European Health Data Space. It is a 2-year Coordination and Support Action financed by the Horizon Europe Framework Programme.

In the framework of the conference, the KETEKNY S.A.—the implementing body of the XpanDH project in Greece as the representative of the Greek Ministry of Health—as well as the other bodies from Greece participating in this project (IDIKA S.A. and GNOMON Informatics S.A.), have the honour to organize this session.

XpanDH has the vision to pave the way for the adoption of the European Electronic Health Record Exchange Format in Greece.

This session intends to present the project to the Greek public, to be carried out by the KETEKNY S.A. to perform some "proofs of concepts" relevant to the Greek context and to describe by IDIKA S.A. and GNOMON Informatics S.A. their participation in the project, and to explain how the Greek digital health ecosystem can participate in this initiative via the XpanDH community of Doers, the X-Nets and other means.

Our focus is on empowering individuals and organizations to create, adapt, and explore interoperable digital health solutions that truly make a difference. That is why we are mobilizing and building capacity to ensure the widespread adoption of the European Electronic Health Records Exchange Format (EEHRxF) across Europe. In collaboration with 26 leading digital health partners, we're committed to driving meaningful changes to the health data domain for the benefit of all.

The workshop's main goal is to raise awareness regarding the EEHRxF and its further adoption, by the establishment of a national network to support the EEHRxF co-creation process in collaboration with the European Commission.

Workshop Agenda

- Welcome, **Henrique Martins**, Associate Professor, ISCTE; Coordinator of XpanDH; **Konstantinos Chalkias**, Executive Member of the Management Board, Greek DRG Institute (KETEKNY S.A.); **Elpida Fotiadou**, Head of eHealth Horizontal Actions Directorate, IDIKA S.A.
- Introduction to XpanDH and its tools, **Henrique Martins** and **Anderson Carmo**, XpanDH project manager, ISCTE
- The role of KETEKNY in the project, **Konstantinos Chalkias**, KETEKNY S.A.
- The use of EEHRxF in the context of national and cross-border projects, **Dimitris Markopoulos**, Software Developer, IDIKA S.A.
- Future of EHRxF in Greece - How to get involved and Next steps Discussion, Coordination, **Haralampos Karanikas**, Assistant Professor of Medical Informatics and e-Health Systems, University of Thessaly; Secretary General

ATHENS DIGITAL HEALTH WEEK

15-19th January 2024 | Royal Olympic Hotel

CO-ORGANIZERS



HOSTED BY



EEMEPY and **Alexander Berler**, Strategic Business Development Director, IHE Catalyst AISBL; Vice Chair, HL7 Hellas

* IDIKA SA: *e-Government Center for Social Security and eHealth Services*

17:30-19:00

NETWORKING

Meet the Joint Initiative Council

TUESDAY 16.01.2024 | **ROOF BAR NETWORKING**

20:00-23:00

ADHW HL7 Europe WGM2024 and FHIR Marathon Party
Let's party at the "Ioannis" Roof Bar, Royal Olympic Hotel

A party organized by HL7 Hellas & HL7 Europe

TUESDAY 16.01.2024 | **TEMPLARS HALL** **HL7 EUR WGM**

08:30-09:30

OPEN

FemTech Breakfast

Organised by HL7 Europe HTAi, EUPHA Global Health, and EFMI

The term “femtech” was coined in 2016 by Ida Tin, a Danish entrepreneur and the co-founder of the women’s menstruation tracking app, Clue. Today the term “femtech” -or “female technology” refers to products and services that enable digital health to respond to the rising awareness of specific unmet needs of women’s health. Femtech promotes digital health technology including technology-enabled software, diagnostics, products, and services that appeal to women, effectively contributing to the management of women-only health issues.

According to Fortune Business Insights, the global Femtech market size was valued at USD 5.79 billion in 2022. The market is projected to grow from USD 6.69 billion in 2023 to USD 20.59 billion by 2030, exhibiting a CAGR of 17.4% during the forecast period.

Digital health arguably can advance empowerment through information, improving timely access to quality health and health care. However, gender imbalance and stereotypes frequently creep into digital health app design leading to barriers to access and exclusion, for significant parts of the population. Therefore, Femtech attempts to highlight and respond to the historical and systemic exclusion of women’s health needs in the healthcare industry.

In this breakfast meeting, we plan to share stories and ideas on how Femtech innovation can lead to supportive digital health interventions, breaking down silos, lowering barriers, and improving access to health and care. Indicative questions to address include how we rate a digital health app from a Femtech perspective, what are safety measures and characteristics we look for trust and privacy, aspects of evaluating such technologies and mechanisms of incorporating them in standard care to contribute to individual wellbeing and system-level resilience.

An overarching aim will also be to see how we can all work together across sectors, professions, and disciplines to bridge some of the gaps that digital health inadvertently creates and to address the inequalities it may potentially exacerbate.

11:30	HL7 Europe Working Group Meeting Breakout
13:00	LUNCH BREAK HL7 Europe Technical Coordination Team (TNT) Lunch Meeting
14:00	HL7 Europe Working Group Meeting Breakout
15:30	COFFEE BREAK
16:00	SQL on FHIR 2.0: Unlocking FHIR Data Nikolai Ryzhikov - <i>CTO of Health Samurai</i>
	Discussion "SQL on FHIR": a new community standard emerging as the bridge between modern database ecosystems and FHIR data.

17:00	HL7 Europe Working Group Meeting Breakout
17:30	<p>OPEN</p> <p>Hospitals on FHIR: Meetup and Reception</p> <p>The Hospitals on FHIR initiative is a community of practice that aims to raise awareness of HL7 FHIR among hospital leaders and help them share experience and best practices in their adoption journey. Henrique Martins and Giorgio Cangoli jointly launched the initiative in 2021, and since then the initiative has grown today has its own governance, co-chaired by Stefano Dalmani (IT) and Maria Salazar (PT). As a community of practice, it builds on the work of Mina Boumbaki (MoH, Greece) and Catherine Chronaki (HL7 Europe) in the xeHealth project, where characteristics of Communities of Practice are conceptualized to advance the adoption of the European EHR Exchange Format, a key component of the European Health Data Space.</p> <p>The Athens Digital Health Week is a unique opportunity to connect with stakeholders in Greece, exchange views and best practices and initiate collaborations that may lead to new projects. In this meetup, Hospitals on FHIR leadership, HL7 Hellas, KETEKNY, IDIKA, the Ministry of Health, and the Hellenic Digital Health Cluster supporter of Smart Health, are invited to exchange views and discuss potential synergies and collaborations.</p> <p>Ends at 19:00 hrs.</p>

TUESDAY 16.01.2024 | ABBEY HALL CLOSED

09:00	ManaGiDITH: Development of pedagogical Manuscript, Building in Moodle on interaction and guidance.
11:00	COFFEE BREAK
11:30	<p>IDIKA</p> <p>Greek Interoperability Framework Decision Makers Forum Leaders</p> <p><i>Session in Greek Συνεδρία στα ελληνικά</i></p> <p>In 2021, the Greek Government implemented under the DG Reform mechanism a first version of a National eHealth Interoperability Framework (NeHIF) taking into consideration the EU policies and recommendations and more specifically the Refined eHealth Interoperability Framework as proposed by the EU eHealth Network. Since then, Greece has submitted an extensive and ambitious program about the digital transformation in Healthcare to the Resilience and Recovery Fund (RRF) mechanism. IDIKA is the NCPeH representing and implementing services both for the cross border myhealth@EU services and the National Cloud Health Provider, which hosts all national ehealth applications (National EHR, ePrescription system, etc.).</p> <p>The scope of this closed (by invitation only) workshop organized by IDIKA is to invite all stakeholders to finalise the governance model of NeHIF in Greece to act as the necessary digital transformation ecosystem in support of the implementation and operation of all projects in the digital transformation of the national healthcare system in Greece.</p> <p><i>IDIKA: Hellenic eGovernment Center for Social Security Services</i></p>

Ατζέντα Συνάντησης

- Καλωσόρισμα και εισαγωγική ομιλία, **Νίκη Τσούμα**, Πρόεδρος Δ.Σ. και Διευθύνουσα Σύμβουλος Η.ΔΙ.Κ.Α. Α.Ε.
- Ανασκόπηση των αποτελεσμάτων του έργου NeHIF, **Χαράλαμπος Καρανίκας**, Επικ. Καθηγητής Ιατρικής Πληροφορικής και Συστημάτων Ηλεκτρονικής Υγείας, Τμήμα Πληροφορικής με Εφαρμογές στη Βιοϊατρική, Πανεπιστήμιο Θεσσαλίας - Γενικός Γραμματέας ΕΕΜΕΠΥ, μέλος της ομάδας υλοποίησης του έργου NeHIF
- Η πρόταση διακυβέρνησης του ψηφιακού μετασχηματισμού της υγείας της Η.ΔΙ.Κ.Α. Α.Ε., **Ελπίδα Φωτιάδου**, Προϊσταμένη Διεύθυνσης Οριζόντιων Δράσεων Ηλεκτρονικής Υγείας, Γενική Διεύθυνση Ηλεκτρονικής Υγείας, Η.ΔΙ.Κ.Α. Α.Ε.
- Τοποθετήσεις και Συζήτηση

13:00

LUNCH BREAK

14:00

IDIKA

Oncology and Cancer Decision Makers Forum [ORION & JAPreventNCD]

Session in Greek | Συνεδρία στα ελληνικά

In 2022, Greece submitted an extensive and ambitious program about the digital transformation in healthcare to the Resilience and Recovery Fund (RRF) mechanism. IDIKA is the NCPeH representing and implementing services both for the cross border myhealth@EU services and the National Cloud Health Provider which hosts all national ehealth applications (National EHR, ePrescription system, etc.). Part of the RRF program is the implementation of a digital transformation program for cancer treatment.

The scope of this closed (by invitation-only) workshop organized by IDIKA is to invite all relevant stakeholders to analyse all the challenges and actions needed to enable a successful implementation of the Cancer digital transformation program by IDIKA.

IDIKA: Hellenic eGovernment Center for Social Security Services

Στόχος της συνάντησης εργασίας είναι να προκύψει ένα κείμενο των βασικών κατευθύνσεων που θα πρέπει να ληφθούν υπόψη κατά την υλοποίηση του ψηφιακού μετασχηματισμού για την περίθαλψη των ογκολογικών ασθενών.

Ατζέντα Συνάντησης

- Καλωσόρισμα, **Ελπίδα Φωτιάδου**, Προϊσταμένη Διεύθυνσης Οριζόντιων Δράσεων Ηλεκτρονικής Υγείας, Γενική Διεύθυνση Ηλεκτρονικής Υγείας, ΗΔΙΚΑ Α.Ε.
- Οι Ευρωπαϊκές δράσεις για τον Καρκίνο και το έργο eCAN, **Παναγιώτης Μπαμίδης**, Καθηγητής ΑΠΘ, Πρόεδρος HL7 Hellas
- Παρουσίαση των έργων ORION και JAPreventNCD, **Σοφία Τερζή**, Στέλεχος Τμήματος Ευρωπαϊκών Προγραμμάτων, Διεύθυνση Προγραμματισμού και Διαχείρισης Έργων, Γενική Διεύθυνση Εσωτερικής Λειτουργίας και Προγραμματισμού, ΗΔΙΚΑ Α.Ε.
- Παρουσίαση Εθνικού Μητρώου Ασθενών παιδικής και εφηβικής ηλικίας με Νεοπλασματικά Νοσήματα και νέου Εθνικού Μητρώου Νεοπλασματικών

	<p>Νοσημάτων, Κωνσταντίνος Μαθιουδάκης, Προϊστάμενος Τμήματος Ανάλυσης και Σχεδιασμού, Διεύθυνση Συστημάτων Τομέα Α'θμιας Φροντίδας Υγείας, Γενική Διεύθυνση Ηλεκτρονικής Υγείας, ΗΔΙΚΑ Α.Ε.</p> <ul style="list-style-type: none"> ▪ Παρουσίαση του έργου «Ολοκληρωμένο Σύστημα Φροντίδας Ογκολογικών-Αιματολογικών Ασθενών», Κωνσταντίνος Μιχαλίτσης, Προϊστάμενος Διεύθυνσης Συστημάτων Τομέα Β'θμιας Φροντίδας Υγείας, Γενική Διεύθυνση Ηλεκτρονικής Υγείας, ΗΔΙΚΑ Α.Ε. ▪ Παρουσίαση των αναγκών διαλειτουργικότητας για ογκολογικούς ασθενείς, Αλέξανδρος Μπέρλερ, Αντιπρόεδρος HL7 Hellas ▪ Τοποθετήσεις και Συζήτηση
15:30	COFFEE BREAK
16:00	<p>HL7 and IHE in Europe Collaboration A discussion of representatives from HL7 and IHE</p>

TUESDAY 16.01.2024 | CONFERENCE HALL (GROUND FLOOR)

11:30	<p>CLOSED Task Force HL7 Europe Visual Presence and Communication Plan</p>
13:00	LUNCH BREAK
14:00	<p>TUTORIAL Leveraging OMOP and FHIR in Europe Sebastian van Sandijk, <i>Clinical Informatician, Odysseus Data Services</i></p>
15:30	COFFEE BREAK
16:00	<p>OPEN OneAquaHealth: Linking urban aquatic ecosystems and human health with HL7 FHIR Panel: Anne Moen, George Koutalieris, Eleni Kokinou, Elena Petelos, Christos Lionis, Catherine Chronaki.</p> <p>The OneAquaHealth project aims to improve sustainability and integrity of urban freshwater ecosystems by investigating the interconnection of ecosystem health and human wellbeing. The identification of early warning indicators aspires to enhance environmental monitoring with AI-assisted tools to support decision-makers. In this way, adequate and timely decisions towards effective measures will help restore the health of aquatic ecosystems and promote OneHealth. This panel aims to support better insights in how to foster the use of environmental observation to meet OneHealth challenges with health interventions that activate citizens' vigilance and create thriving communities. Exploring links between the health of nature, aquatic ecosystems and human health, panelists will explore different perspectives ranging from technology and early warning systems to managing health and personal well-being.</p> <p>Program outline Welcome: speaker introduction, Catherine Chronaki, <i>Secretary General, HL7 Europe</i> <i>Scientific Coordinator of xShare</i></p>

Brief Interventions:

- The impact of urban stream degradation on human well-being: the Almyros, case study in Heraklion, Crete, **Eleni Kokinou**, *Professor of Environmental Geology and Geotechnology, Hellenic Mediterranean University | Affiliated Researcher, Institute of Computer Science, FORTH*
- Social Prescription of activities related to the urban ecosystem, **Christos Lionis**, *Professor Emeritus of General Practice and Primary Health Care, School of Medicine, University of Crete*
- Green Skills and Thriving Communities, **Anne Moen**, *Professor in Health informatics and Nursing, University of Oslo | Project Coordinator, Gravitare-Health*
- Global Health Challenges: OneHealth in the climate crisis, **Elena Petelos**, *Chair Real-World Evidence and Artificial Intelligence IG, HTAi | President Global Health initiative, EUPHA*
- Dashboards for early action in the intersection of environmental health policy and human wellbeing (online), **George Koutalieris**, *Senior Research, Innovation and Presales Executive, Enora Innovation*

Commentary: The role of HL7 FHIR: implications for interoperability in OneHealth, **Catherine Chronaki**

Discussion: interaction with audience and next steps

Session ends at 17:30

TUESDAY 16.01.2024 | CONFERENCE 2A HALL

11:30	<p>TUTORIAL Electronic Product Identification (ePI) / eLabeling João Almeida, <i>Chair, HL7 Portugal</i></p> <p>With this tutorial, the participants will be able to gain a comprehensive understanding of FHIR ePIs, walk through the HL7 FHIR ePI specification to enhance your knowledge, discover how to prepare ePIs.</p>
13:00	LUNCH BREAK
14:00	<p>TUTORIAL Identification of Medicinal Products (IDMP) Robert Stegwee, <i>Chair, CEN/TC 251</i></p> <p>This tutorial helps to promote a greater understanding about how IDMP standards “work” throughout the life-cycle stages of a medicinal product. In each stage - from the initial stage of Development and Production through the final stage of Utilisation and Outcome Assessment - IDMP standards’ concepts and theory are explained as part of two stories: "SweetDreams", a medicinal product, and Ingrid, its user.</p>
15:30	COFFEE BREAK

16:00

TUTORIAL

Introduction to LOINC

Marjorie Rallins, *Executive Director, Health Data Standards, LOINC*

Eza Hafeza, *Director of Terminology Services and Operations, Regenstrief*

WEDNESDAY 17.01.2024 | KALLIRHOE HALL HACK

11:30-13:00

HL7 FHIR Marathon / Virtual Connectathon

Track 1. HL7 FHIR for Labs implementation Guide (European Realm)

Track 2. Vulcan ePI/GH track: ePI/eLabeling with Global IDMP WG

Track 3. International Patient Summary (IPS) Alignment of European HL7 FHIR Implementation Guides

Track 4. FHIR in European Cancer Mission projects: Alignment of HL7 FHIR Implementation Guides

13:00-14:00

LUNCH BREAK

14:00-15:30

Gravitate-Health Hackathon - DAY 1

Introduction to Gravitate-Health & the Hackathon

- The Gravitate-Health project: vision, objectives, and progress to date, **Anne Moen**, Professor in Health informatics and Nursing, University of Oslo | Project Coordinator, Gravitate-Health
- The Focusing mechanism & Introduction to the Hackathon challenges, **Catherine Chronaki**, Secretary General, HL7 Europe | Scientific Coordinator of xShare & **Joao Almeida**, Chair, HL7 Portugal | Product owner, Gravitate-Health
- For a Person-Centric Healthcare, **Mark Duman**, Director, MD Healthcare Consultants
- Presentation of the resources, **Alejandro Medrano**, Researcher at Bioengineering, Telecommunication Engineering Faculty, Universidad Politécnica de Madrid | WP3 Co-lead, Gravitate-Health
- Presentation of the process & Hackathon team, **Lina Nikolopoulou**, Dissemination & Communication Lead, Gravitate-Health | Managing Director, Mindview

HL7 FHIR Marathon / Virtual Connectathon | Tracks 1-4

15:30-16:00

Gravitate-Health Hackathon - DAY 1

Presentation of ideas & Team formation

- **Alejandro Medrano**, Researcher at Bioengineering, Telecommunication Engineering Faculty, Universidad Politécnica de Madrid | WP3 Co-lead, Gravitate-Health & **Lina Nikolopoulou**, Dissemination & Communication Lead, Gravitate-Health | Managing Director, Mindview

16:00-19:00

Gravitate-Health Hackathon - DAY 1

- International Patient Summary-IPS, **Bryant Thomas Karras**, Chief Medical Informatics Officer, Washington State Department of Health
- Invited Speakers:
Amy Cramer, Co-Chair, Vulcan (*tbc*) & **Michael Van Campen**, Program Director, Vulcan

- Presentation of Mentors

HL7 FHIR Marathon / Virtual Connectathon | Tracks 1-4

19:00-22:00

More hacking...

WEDNESDAY 17.01.2024 | ATTICA HALL OPEN

09:30

Joint Plenary on Artificial Intelligence in Health Standards

Moderator: **Catherine Chronaki**, Secretary General, HL7 Europe | Scientific Coordinator of xShare

Welcome: Video message by **Charles Jaffe**, CEO, HL7 International

- Gen AI in Health and HealthCare: the role of HL7 FHIR, **Julia Skapik**, Chair, HL7 International
- Global Health and Healthcare: AI and Regulatory Challenges, **Elena Petelos**, Research Fellow, University of Maastricht | Chair Real-World Evidence and Artificial Intelligence IG, HTAi | President Global Health initiative, EUPHA
- Health-AI and Global health, **Alain Labrique**, Director, Department of Digital Health & Innovation, WHO
- Responsible AI solutions in health*, **Ricardo Baptista Leite**, CEO, HEALTHAI - The global agency for responsible AI in Health
- Health Diplomacy and the Global EHR, **Henrique Martins**, Associate Professor, ISCTE | Coordinator of XpandDH

11:00

COFFEE BREAK

11:30

XpandH Readiness Model Workshop

The goal of this workshop is to provide a collaborative platform for participants to explore and understand the XpandH Readiness Model, emphasizing its application for future projects, particularly within the context of xShare. Key objectives include:

- **Understanding the XpandH Readiness Model**

Participants will gain a comprehensive understanding of the XpandH Readiness Model, facilitated by IHE representatives. This includes insights into the model's structure, key components, and its relevance to upcoming initiatives.

- **Feedback and Testing with the Audience**

This open session will allow participants to actively engage with the XpandH Readiness Model. They will provide valuable feedback and gain practical insights into adopting the EEHRxF.

Representatives from the European Commission, users and vendors will share their perspectives on aligning and benefiting from the Exchange Format and the XpandH Readiness Model, offering practical insights for adoption.

- **Exploring reuse for future/other projects**

The workshop aims to illustrate how the XpandH Readiness Model can be effectively (re)used in the context of future projects, with a specific focus on its application within the xShare framework.

Overall, the goal is to create an interactive and collaborative environment where participants can actively contribute, gain practical insights, and collectively advance their understanding of the XpandH Readiness Model and its implications for future healthcare projects.

	<p>Analytical program:</p> <ul style="list-style-type: none"> ▪ Introduction: XpanDH Project, Anderson Carmo, eHealth Project Manager, ISCTE and Henrique Martins, Associate Professor, ISCTE Coordinator of XpanDDH ▪ European Commission's thoughts on maturity of the EEHRxF, Konstantin Hypponen, Policy Officer (SNE) DG Health and Food Safety (SANTE), European Commission, European Commission ▪ Overview on the XpanDH WP3, Sofia Franconi, Director of Interoperability, IHE-Europe, AISBL ▪ Presentation of Readiness Model, current status, Jürgen Brandstätter, Deputy Vendor Co-Chair, IHE-Europe ▪ Q&A and closing
<p>13:00</p>	<p>LUNCH BREAK</p>
<p>14:00</p>	<p>Capacity Building Preparing the Health Care Workforce of Tomorrow <i>By ManagiDITH, IDIKA S.A., and HL7 Hellas</i></p> <p>In this session, emphasis is given on the skills required to maintain pace for digital transformation and turn it into a success story. Invited speakers from various activities, initiatives and projects will share their views on what needs to happen so that capacity is built in a systematic way, which may be sustainable. This is essential for preparing the healthcare workforce of tomorrow. Are there key training initiatives worth noting?</p> <p>Moderators: Panagiotis Bamidis, Professor AUTH, Chair, HL7 Hellas Anastasios Tsolakidis, Head of Production Operation, IDIKA S.A.</p> <p>Speakers</p> <ul style="list-style-type: none"> ▪ Anastasios Tsolakidis, Head of Production Operation, IDIKA S.A. ▪ Jürgen Brandstätter, IHE-Europe - IHE Foundation training program ▪ Maria Nikolaidou, Senior Project Manager, Lab of Medical Physics and Digital Innovation, Aristotle University of Thessaloniki & ManagiDiTH Project ▪ George Dimitriou, Cluster Manager, Hellenic Digital Health Cluster (HDHC) & Level Up Project ▪ Dimitris Tsalikakis, Professor, Director, 4th Regional Health Authority, Greece
<p>15:30</p>	<p>COFFEE BREAK</p>
<p>17:30</p>	<p>xShare Launch Event in collaboration with Xt-EHR, XpanDH: A yellow button to get your data in the European EHR Exchange Format</p> <p><i>This session will be live streamed. Watch here</i></p> <p>xShare Kicks Off to Help us Share our Health Data in EEHRxF by Clicking the 'Yellow Button'</p> <p>The xShare project is proud to announce the official launch of its consortium, consisting of 41 partners. The session marks a crucial step forward in the European digital health landscape, with the introduction of the innovative xShare 'yellow button' and industry label to the European market.</p> <p>The 'yellow button' is more than just a symbol - it will be a gateway to sharing our health data in the European Electronic Health Records Exchange Format</p>

(EHRxF), aligning with the upcoming European Health Data Space (EHDS) regulation. By clicking this button, prominently featured across health portals and digital health apps, each European will be able to exercise the data portability rights under GDPR.

xShare envisions a future where, with the ease of sharing images on our mobile devices, we can seamlessly share our health data across primary care, population health, and clinical research. The xShare Industry Label, associated with the 'yellow button,' will provide certainty that products are conformant to the European EHRxF.

Already eight early adoption settings across Europe have been confirmed, including hospital networks in Tuscany, Italy, national apps in Greece, Ireland, and Cyprus, as well as regional networks emphasizing medical tourism and public-private sector connections in Catalunya and Madeira. Clinical research applications in the myHealthSpace ecosystem of France are also part of the early adopters.

The xShare consortium, co-led by MedCom (DK) and HL7 Europe (BE), comprises a diverse collaboration, including standards developing organizations, industry associations, ministries of health, government agencies, SMEs, public health institutes, academic institutions, and a high-performance computing center.

Agenda

Welcome

- **Karolina Mackiewicz**, Innovation Director, ECHAlliance

Vision of xShare

- **Mie Hjorth Matthiesen**, Specialist Consultant MedCom | Coordinator of xShare
- **Catherine Chronaki**, Secretary General, HL7 | Scientific Coordinator of xShare

Significance of xShare

- **Dipak Kalra**, President, I-HD
- **Jose Martinez-Usero**, Director of Projects, DIGITALEUROPE
- **Robert Stegwee**, Chair, CEN/TC 251

Cooperation with XpanDH and Xt-HER

- **Konstantin Hyppönen**, Policy Officer (SNE) DG Health and Food Safety (SANTE), European Commission
- **Henrique Martins**, Associate Professor, ISCTE | Coordinator of XpandDH
- **Christos N. Schizas**, President of the National eHealth Authority of Cyprus (NeHA) | Coordinator of Xt-EHR

xShare adoption sites and Supporting SMEs

- **Tuscany**, Italy
- **Catalunya**, Spain
- **Madeira**, Portugal
- **IDIKA S.A.**, Greece
- **NeHA**, Cyprus
- **Small to Medium Enterprises:**
Gnomon, *Alexander Berler* | TTSA, *Norman Sabbath* or *Yoanni Matsakis* | Datawizard

19:00-20:00

NETWORKING
xShare Cocktail Reception

WEDNESDAY 17.01.2024 | **TEMPLARS HALL** **HL7 EUR WGM**

<p>11:30</p>	<p>Interoperability of Primary Child Health Data Leaders: Liesbeth Siderius, <i>Pediatrician, Rare Care World Foundation</i> Marc de Graauw, <i>Independent Healthcare ICT standards consultant / Software developer, magrit.nl</i></p> <p>Promoting the dissemination and generation of knowledge on rare diseases in children depends on the availability and interoperability of primary child health data. A lot of work has been going on in a variety of places to further this development, including presentations at LOINC conferences in Annecy and Atlanta, as well as discussions in the X-eHealth project and in the IPS community. A first draft HL7 FHIR Implementation Guide for Rare Diseases in Child Health is available and will be a topic for discussion during this session. A strong connection is also felt with the CHOICE project (Child Health Obstetrics International Collaboration and Exploration).</p>
<p>13:00</p>	<p>LUNCH BREAK</p>
<p>14:00</p>	<p>Notified Pull Leaders: Niek van Galen, <i>Health Data Exchange Specialist, NICTIZ</i> Eky Kaelani, <i>Healthcare Information Analyst, NICTIZ</i> Speaker: Gino Canessa, <i>HL7 international / FHIR-I work group</i></p> <p>Notified Pull is an exchange concept, just like Pull (query) and Push (send). A Notified Pull (NP) involves sending a notification to the requester and then conducting a targeted query. This is also called Sender Intent Based Receiver Pull (SIRP). Nictiz has participated in the international discussion about Notified Pull in FHIR in the FHIR-I work group during the last 2 international HL7 WGM's. These conversations were initiated following a Technical Agreement for Notified Pull created by a Dutch work group. There is an overlap with Subscriptions in FHIR. Therefore, it might be interesting for a broader group of stakeholders to start the discussion on Notified Pull as Nictiz believes that international alignment is mandatory.</p>
<p>15:30</p>	<p>COFFEE BREAK</p>
<p>16:00</p>	<p>OPEN Label2Enable Workshop In 2014 the EU published the Green Paper on mobile health. The document addressed the potential benefits and risks of health apps and questioned how to verify or ensure the efficacy of these apps. Should there be a certification scheme? And how to better inform users on their quality and safety? Fast forward a few years later, Technical Specification CEN-ISO 82304-2 - health and wellness apps quality and reliability, an assignment from the European Commission, was published. Its main content is a health app quality assessment framework and a health app quality label. The label, inspired by the EU Energy label, Nutri-Score food label design and the FDA over-the-counter medicine label, and tested with people with low health literacy, intends to help citizens choose a health app. The more detailed version of the label, the health app quality report, is intended to help health professionals decide which app to recommend, and HTA</p>

bodies which apps to reimburse. The framework was founded in 26 existing frameworks, and—appropriate in a Greek context—a Delphi consensus study with 83 experts from 8 stakeholder groups, aligned with existing standards and tested for the Dutch Ministry of Health with 11 Covid symptom apps.

In this workshop you'll learn more about the framework, the label, what the European Health Data Space includes on labelling apps, and the Label2Enable project that supports implementation of CEN-ISO/TS 82304-2 throughout Europe. You'll hear the latest on the development of the certification scheme for CEN-ISO/TS 82304-2 and testing it with 24 intentionally very diverse health apps, including recently a Greek one. The related manufacturer will join the workshop to share their experiences and thoughts. And we'll explore with both local and international stakeholders what their thoughts are on benefits and risks of health apps and success of labelling in 5 to 10 years and how to get there.

Agenda

- Lefteris Thireos* - Athens Medical Society
- Apostolia Karabatea - Gnomon (App provider)
- Derek Ritz - IHE (beyond EU)
- Nicolas Pallikarakis - INBIT (assessor)
- Petra Hoogendoorn and Zoi Kolitsi - Label2Enable
- Mina Boubaki* - Hellenic Ministry of Health
- Carme Pratdepadua Bufill - TIC Salut (Catalonia) - *online*
- Dimitris Kontopidis - Greek Patients Association

Session ends at 17:30

WEDNESDAY 17.01.2024 | ABBEY HALL CLOSED

08:30	Labeling Workshop Joint Action Extended EHR@EU Data Space for Primary Use Xt-EHR
11:00	COFFEE BREAK
11:30	HADEA online event
13:00	LUNCH BREAK
14:00	Governance Workshop Joint Action Extended EHR@EU Data Space for Primary Use Xt-EHR
15:30	COFFEE BREAK
16:00	Governance Workshop Joint Action Extended EHR@EU Data Space for Primary Use Xt-EHR

WEDNESDAY 17.01.2024 | CONFERENCE HALL (GROUND FLOOR) CLOSED

09:00	ManagiDITH: Development of pedagogical Manuscript, Building in Moodle on interaction and guidance
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11:00	COFFEE BREAK
11:30	ManagiDITH Teachers' training: Digital Tools
13:00	LUNCH BREAK
14:00	X-Bundle Retreat: Workshop II Cooperation among xShare and XpanDH projects on X-Bundles, targeted aggregations of interoperability assets that support the connection of health systems based on EHRxF specifications. Chair: Robert Stegwee, <i>Chair, CEN/TC251</i>
15:30	COFFEE BREAK
16:00	TUTORIAL CDISC and HL7: Optimizing the Flow of Clinical Research Data for Patients Rebecca Kush, <i>Co-Chair, Vulcan Advisory Council Founder and President Emeritus, CDISC</i> Rhonda Facile, <i>Vice President, Partnerships and Development, CDISC</i>

WEDNESDAY 17.01.2024 | CONFERENCE 2A HALL

11:30	TUTORIAL HL7 European Lab Report Implementation Guide Giorgio Cangioli, <i>Vice Chair, HL7 Italy Technical Lead & Board Member, HL7 Europe</i> Riki Merrick, <i>Public Health Information Specialist, Vernetzt LLC</i>
13:00	LUNCH BREAK
14:00	TUTORIAL A Guide to FHIR Implementation Guides Jose Costa Teixeira, <i>Chair, HL7 Belgium Pharmacy Technical Vendor Co-Chair, IHE International</i>
15:30	COFFEE BREAK
16:00	TUTORIAL CANCELLED The International Patient Summary (IPS) Rob Hausam, <i>Owner & Health Informatics Consultant, Hausam Consulting LLC</i> Robert Stegwee, <i>Chair, CEN/TC251</i> Kai Heitmann, <i>CEO, HL7 Germany</i> This tutorial focuses on the International Patient Summary, describes the rationale of Patient Summaries, and highlights the benefits for Patients and Care Givers. An insight view of the data model, terminology aspects and the

FHIR specification is given, rounded up by with the European Patient Summary perspective on the IPS.

THURSDAY 18.01.2024 | KALLIRHOE HALL HACK

09:00	<p>Gravitate-Health Hackathon - DAY 2 HL7 FHIR Marathon</p> <ul style="list-style-type: none"> ▪ Teams presentation Work in Teams ▪ Remote Teams formation & presentations ▪ Work in Teams ▪ 10:00 Invited Speaker: Kevin Morgan, CEO, Glemser ▪ 10:30 Invited Speaker: Adam Kover, Developer, Felleskatalogen AS <p>HL7 FHIR Marathon / Virtual Connectathon Tracks 1-4</p>
11:00	<p>COFFEE BREAK</p> <p>Gravitate-Health Hackathon - DAY 2</p> <p>Speaker:</p> <ul style="list-style-type: none"> ▪ Gravitate-Health: From concept to project, Giovanna Ferrari, Senior Director, Pfizer Gravitate-Health Project Lead
11:30	<p>Gravitate-Health Hackathon - DAY 2 HL7 FHIR Marathon</p> <p>Speaker:</p> <ul style="list-style-type: none"> ▪ Riccardo Leoni, PMP® Project Manager Datawizard Gravitate-Health WP4 co-lead ▪ 12:00 Q&A Information on pitching, Lina Nikolopoulou, Dissemination & Communication Lead, Gravitate-Health Managing Director, Mindview ▪ Presentation of the Jury and criteria, Karolina Mackiewicz, Innovation Director, ECHAlliance <p>HL7 FHIR Marathon / Virtual Connectathon Tracks 1-4</p>
13:00	<p>LUNCH BREAK</p> <p>Gravitate-Health Hackathon - DAY 2</p> <ul style="list-style-type: none"> ▪ Discussion with Teams - Facilitators
14:00	<p>Gravitate-Health Hackathon - DAY 2 HL7 FHIR Marathon</p> <p>Work in Teams</p>
15:30	<p>COFFEE BREAK</p>
16:00	<p>Gravitate-Health Hackathon - DAY 2 HL7 FHIR Marathon</p> <ul style="list-style-type: none"> ▪ Work with mentors ▪ 16:30 Interviews with mentors and their work with the teams ▪ 17:30 Work in Teams

- Presentation of work in progress
- Invited Speaker | Q & A
- Work in Teams - ends at 22:00

THURSDAY 18.01.2024 | ABBEY HALL OPEN

09:30

UNICOM Day

Ensure that any medicine and what it contains can be accurately identified anywhere in the world.

Improve patient safety and enable better healthcare for all

Organised by UNICOM, Hosted by IDIKA & Pharma Innovation Forum.

UNICOM Day provides a summary of what the UNICOM project has learned about semantic and technical interoperability of IDMP, and encourages the participants to explore and test the potential of IDMP in different settings. The target audience is not restricted in any way - the discussions are designed to include the pharmacist's view as well as a more technical view.

The first session of the event gives an overview of IDMP implementation on a national and crossborder level - showing the value of implementing IDMP as well as highlighting the challenges related to the forthcoming changes.

To facilitate planning and implementing IDMP-related changes, the second session focuses on testable specifications, test data, and testing platform. We will walk through the implementation enablers that were developed by UNICOM and IHE - from the specifications to the free, open source tooling and standards which allow everyone along their IDMP implementation journey. We will explore testing and prototyping, with these enablers - looking at sample data and setting up a simple testing environment.

The half-day ends with a workshop dedicated to substitution of medicinal products. This workshop allows the audience with different backgrounds to discuss together how to create a standard specification for finding equivalent and substitute products. The workshop starts with a demo of a UNICOM patient facing app that leverages substitution rules created in UNICOM. The following discussion is encouraged to put those rules to the test, and explore the potential of IDMP further.

UNICOM Day | Session 1: IDMP Implementation on a National and Crossborder Level

- Welcome and Introduction, **Ioanna Salagianni**, IDIKA S.A. and **Alexander Berler**, GNOMON
- The promise of IDMP interoperability: the challenge of safe product identification, how IDMP can bridge that gap and the need to implement it in different standards, regions, and use cases, **Rutt Lindström**, TEHIK and **José Costa Teixeira**, IHE
- IDMP in Greek context - the national view, **Kostas Mathioudakis**, IDIKA S.A.
- IDMP in the context of Pharma Innovation, **Ioannis Kotsiopoulos**, Pharma Innovation Forum
- IDMP in crossborder context, **Alberto Zanini**, ARIA and **Rutt Lindström**, TEHIK

11:00

COFFEE BREAK

<p>11:30</p>	<p>UNICOM Day Session 2: Planning and Implementing IDMP-related Changes</p> <ul style="list-style-type: none"> ▪ IHE Test Lab (use cases), and IHE Process in UNICOM Presenters: Derek Ritz and José Costa Teixeira, IHE ▪ IDMP Specifications and Tools (Use Cases, UNICOM IG, UNICOM transactions, UNICOM Toolbox etc.) - Including data onboarding Presenter: José Costa Teixeira, IHE
<p>12:10</p>	<p>UNICOM Day IDMP Medication Substitution Workshop</p> <ul style="list-style-type: none"> ▪ Substitution & PFA's Demonstration ▪ Nicole Veggjoti, Datawizard - Argiris Gkogkidis, GNOMON -Haralampos Karanikas, GNOMON ▪ Discussion/Workshop on transaction related to product selection: searching and comparing products to find equivalents and potential substitutes, based on IDMP data on FHIR <p><i>Workshop ends at 13:30</i></p>
<p>13:00</p>	<p>LUNCH BREAK</p>
<p>16:00</p>	<p>XpanDH Community of Doers and Co-Creators Session</p> <p><i>A workshop organised by the XpanDH project with the support of IDIKA S.A.</i></p> <p>The scope of this workshop is to bring together implementers and end-users of new and existing solutions: IT developers and vendors/suppliers on one hand; patients and healthcare professionals on the other, under the concept of the 3C-3P community (Co-creation Community of Patients, Professionals and Programmers). This workshop will launch the process of co-creation of ideas and solutions that adopt the EEHRxF in their implementation.</p> <p>Agenda</p> <p>Setting the basics of the EEHRxF Moderator: Alexander Berler, Gnomon; Strategic Business Development Director, IHE Catalyst AISBL; Vice Chair, HL7 Hellas</p> <ul style="list-style-type: none"> ▪ Short Presentation of XpanDH and its vision, Henrique Martins, Associate Professor, ISCTE; Coordinator of XpandDH ▪ What is the EEHRxF? Anderson Carmo, eHealth Project Manager, ISCTE ▪ How can we promote collaboration in promoting and adopting the EEHRxF? Carola Schultz, Senior Research Consultant, Empirica ▪ What is the community of doers? Alexander Berler, Gnomon ▪ Q&A session <p>Defining the use cases</p> <ul style="list-style-type: none"> ▪ Implementing the myhealth@EU services in Greece, Alexandros Staridas, IDIKA S.A. ▪ What are the priorities of the patient community? Nikos Dedes, Chair, Greek Patient Association ▪ The specific needs of the Cancer and Oncology Patients, George Kapetanakis, President, Hellenic Cancer Federation (ELLOK)

- The needs of a national EHR project, the Greek case, **Elpida Fotiadou**, Head of eHealth Horizontal Actions Directorate, IDIKA S.A.
- Other use cases
- Q&A Session - Discussion with all workshop participants

15-min Short Break

How to define a business use case for the EEHRxF

- How to organize the work, **Alexander Berler**, Gnomon and **Marta Matos**, ISCTE (remote)

Interactive session on the community of doers use cases - co creation session

Alexander Berler, Gnomon | **Argiris Gkogkidis**, Gnomon | **Anderson Carmo**, ISCTE | **Marta Matos**, Research Fellow, ISCTE (remote)

- Discussion with all workshop participants

Closing remarks and next steps

Anderson Carmo, ISCTE and **Alexander Berler**, Gnomon

THURSDAY 18.01.2024 | ATTICA HALL OPEN

09:00

EUROVULCAN 2 | Opening Session

The second European Meeting of the Vulcan Accelerator, Connecting clinical care and clinical research through HL7 FHIR is titled: **Regulatory policy development and Agile HL7 FHIR Implementation in Europe and worldwide**

Opening Session - Welcome to Athens and EuroVulcan 2 Conference

Opening Remarks

- **Michael van Campen**, Program Director, Vulcan | EuroVulcan 2 Planning Committee
- **Amy Cramer**, Co-Chair, Vulcan
- **Panagiotis Telonis**, Scientific Administrator, Chief Information Office, European Medicines Agency

Session Chair: **Amy Cramer**, Co-Chair, Vulcan

- Opening Welcome & Vulcan Background: **Amy Cramer**, Co-Chair, Vulcan
- EMRN Data Standardization Strategy: **Nick Halsey** (online), Scientific Administrator, European Medicines Agency
- EU Data Protection Regulations and Implications for Vulcan, **Sabine Brosch** (online), Data Protection Officer, European Medicines Agency
- The European Shortages Monitoring Platform (ESMP): **Sofia Zastavnik** (online), Medicines and Medical Devices Shortages Specialist, European Medicines Agency
- What's in EHDS/EEHRxF for Vulcan: **Henrique Martins**, Associate Professor, ISCTE | Coordinator of XpandDH
- Collaboration among EU-funded projects on data-driven approaches in cancer - towards data interoperability, **Bianca Baluta** (online), Programme officer, Directorate-General for Communications Networks, Content and Technology (CNECT), European Commission

10:30	COFFEE BREAK
11:00	<p>EUROVULCAN 2 Panel #1: Vulcan ePI/eLabeling Project and EMA/SPOR: The way forward Chair: Anne Moen, Professor in Health informatics and Nursing, University of Oslo Project Coordinator, Gravitare-Health</p> <p>Panelists & topics:</p> <ul style="list-style-type: none"> ▪ ePI Pilot Project - progress & next steps: Elizabeth Scanlan, Scientific Communication Officer, European Medicines Agency ▪ Gravitare-Health “4+1 Compendia ePI Pilot”: Bente By Jansen, Managing Director, Felleskatalogen, Norway ▪ ePI and the QRD - “structure at source”: Kate Porch, Associate Director, Global Labeling Product Leader, Janssen ▪ PhPID operating model, GIDWG: Magnus Wallberg, PV Systems Architect, WHO-UMC, Sweden ▪ UNICOM achievements and next steps from an NCA perspective: Farah Diehl-Fahim, Senior Research Consultant, Empirica, Christer Backman, International and EU Coordinator, Swedish Medical Products Agency, and Pelle Persson, IT Director/ Head of IT, Swedish Medical Products Agency ▪ Health Data and the Link to ePI: Giorgos Georgiannakis, Deputy Head of Unit SANTE A4 “Information systems”, Directorate General for Health and Food safety, European Commission ▪ SPOR the way forward: Isabel Chicharo (online), SPOR Lead, European Medicines Agency ▪ Scaling IDMP for Global use cases: Panagiotis Telonis, Scientific Administrator, Chief Information Office, European Medicines Agency
12:30	<p>EUROVULCAN 2 Working Lunch Sessions <i>Current topics include:</i></p> <ul style="list-style-type: none"> ▪ What European projects should Vulcan be involved with / help? ▪ How can Vulcan support patient opt-in to clinical trials? ▪ How Vulcan can engage the academic research community? ▪ How Vulcan can engage the industry and CRO community?
13:45	<p>EUROVULCAN 2 Panel #2: Vulcan Utilizing the Digital Protocol / UDP Project (was ICH M11): Focus: Mission, Plans, Key Challenges, European Involvement Chair: Panagiotis Telonis, Scientific Administrator, Chief Information Office, European Medicines Agency</p> <p>Panelists & topics:</p> <ul style="list-style-type: none"> ▪ History of Clinical Research Protocol Standardization: Rebecca Kush, Co-Chair, Vulcan Advisory Council; Founder and President Emeritus, CDISC ▪ M11 in US / Decentralized Clinical Trials in US: Ron Fitzmartin (online), Senior Informatics Advisor, CBER (FDA) ▪ The perspective of CROs in Europe: Yoanni Matsakis, Treasurer, EUCROF Chairman of the Board and CEO, Telemedicine Technologies ▪ The perspective of Academic Centers: Meletios Dimopoulos, Professor of Hematology-Oncology, Department of Clinical Therapeutics, National and Kapodistrian University of Athens ▪ Decentralized clinical trials (or elements in clinical trials): Christos Lionis, Professor Emeritus of General Practice and Primary Health Care, School of Medicine, University of Crete

	<ul style="list-style-type: none"> Pharma perspective: Rob DiCicco, Vice President Portfolio Management, TranCelerate BioPharma Vulcan UDP Project - Utilizing the Digital Protocol: Hugh Glover, Vulcan Technical Director
15:15	COFFEE BREAK
15:45	<p>EUROVULCAN 2 Panel #3: Regulators Moving to FHIR with support from the Vulcan Accelerator Chair: Hugh Glover, Technical Director, Vulcan</p> <p>Panelists & topics:</p> <ul style="list-style-type: none"> What's next in CDISC for Vulcan: Peter Van Reusel, Chief Standards Officer, CDISC What's next in US Policy for Vulcan: Stephen Konya, Senior Advisor to the Deputy National Coordinator for Health IT and Innovative Portfolio Lead, U.S. Department of Health and Human Services (HHS), Office of the National Coordinator for Health IT What's next in personalized eLabeling for Vulcan: Craig Anderson (online), Co-Lead, Vulcan WP5 Industry Co-lead, Gravitare-Health Director, R&D Lead, International Labeling Group, Pfizer What's next in the HL7 FHIR Connectathon for the GIDWG/UNICOM/ePI track after the Athens Marathon: Joao Almeida Chair, HL7 Portugal Product owner, Gravitare-Health Can Clinical Care Data (RWD) Replace Clinical Research Data?: W. Ed Hammond, Director, Duke Center for Health Informatics, Clinical and Translational Science Institute; Emeritus Chair, HL7 International Implications for Xt-EHR & secondary use of data in the EHDS: Christos N. Schizas, President of the National eHealth Authority of Cyprus (NeHA) Coordinator of Xt-EHR <p>Closing Remarks Michael van Campen*, Program Director, Vulcan Amy Cramer, Co-chair, Vulcan</p> <p>Rapporteurs: Mina Boumbaki*, Head of the eHealth Services Department, Ministry of Health, Greece, Elena Petelos, Research Fellow, University of Maastricht Chair Real-World Evidence and Artificial Intelligence IG, HTAi President Global Health initiative, EUPHA</p> <p><i>*Speakers invited - TBC</i></p> <p><i>EUROVULCAN 2 ends at 17:30.</i></p>

THURSDAY 18.01.2024 | **TEMPLARS HALL CLOSED**

09:30	xShare Kick off
11:00	COFFEE BREAK
11:30	xShare Kick off

13:00	LUNCH BREAK
14:00	xShare Kick off
15:30	COFFEE BREAK
16:00	xShare Kickoff
17:30	xShare Kickoff

THURSDAY 18.01.2024 | CONFERENCE HALL (GROUND FLOOR) CLOSED

09:30	<p>EU4H-2022-DGA-MS-IBA2 European Health Data Space for Secondary Use Joint Actions for Implementing Policies in Greece and Cyprus through direct funding CY: NeHA, UCY – EL: MoH, IDIKA, GRNET – EU: HaDEA</p>
11:00	COFFEE BREAK
11:30	<p>EU4H-2022-DGA-MS-IBA2 European Health Data Space for Secondary Use Joint Actions for Implementing Policies in Greece and Cyprus through direct funding CY: NeHA, UCY – EL: MoH, IDIKA, GRNET – EU: HaDEA</p>
13:00	LUNCH BREAK
14:00	<p>eVaccination Workshop: What are the current developments?</p> <p><i>A workshop co-organised by IDIKA with the support Athens WHO Office.</i></p> <p>The needs for an individual to have access to and share their health information are rising in an age of increasing mobility, tourism, population migration, and threats from climate change and epi-/pandemic events. Moreover, as a result of the COVID-19 pandemic several countries joined forces into creating an architecture that would enable the mobility of citizens by sharing a trusted COVID-19 certificate. In this workshop we will discuss the emergent digital approaches that meet these needs trying to expand this idea towards the adoption of a common approach in exchanging a trusted electronic vaccination card, expanding the COVID-19 certificate use case. We will also introduce the WHO Global Digital Health Certification Network (GDHCN), launched in June 2023 in collaboration with the EU, which provides an infrastructure for the verification of health documents across and within borders. We will examine the origins of GDHCN through the currently supported COVID-19 certificate use case and discuss potential regional and global uses of the GDHCN for other types of health documents, such as the IPS. We will also assess the current EU initiative in the domain of creating a pan-European vaccination card based on the reuse of GDHCN and the interoperable European Digital Identity (EUDI) Wallet.</p>

Part 1

- Welcome and presentation of the scope of the interactive workshop, **Ioanna Salagianni**, IDIKA SA
- Why eVaccination is important: the use case of COVID19 in Greece, **Christos Triantafyllou**, Project Officer Quality of Care, WHO Athens Office on Quality of Care and Patient Safety

Workshop moderators

Haralampos Karanikas, Assistant Professor of Medical Informatics and e-Health Systems, University of Thessaly; Secretary General, EEMEPY and **Andreas Vedouris**, IDIKA S.A.

What is happening in the world today?

- The LACPASS Initiative, **Jurgen Brandstätter**, IHE Catalyst
- The WHO GDHCN, **Carl Leitner**, Technical Officer, Digital Health & Innovation, WHO (remotely)
- The EU eVaccination vision, **Sofia Terzi**, Project Manager, Program Management Office, IDIKA S.A. (remotely)

15:15 | Interactive session part 1: Defining the use of eVaccination use cases

- The Greek National Vaccination Registry, **Konstantinos Mathioudakis**, IDIKA S.A.

15:30

COFFEE BREAK

16:00

eVaccination Workshop: What Are the Current Developments?

A workshop co-organised by IDIKA with the support Athens WHO Office.

Part 2

Interactive session part 1: Defining the use of eVaccination use cases (continued from previous session)

- Patient mediated approach vs G2G, infrastructures, using WHO GDHCN and EU EUDI for Patient mediated Transactions - **Discussion with all workshop participants**

16:30 | Interactive session part 2:

- Why do we need standards? What methodologies should we use? **Jurgen Brandstätter**, IHE Catalyst
- Adoption of the IPS and the EEHRxF What are the challenges and the barriers to overcome - **Discussion with all workshop participants**
- Closing remarks and next steps
- **Haralampos Karanikas**, Assistant Professor of Medical Informatics and e-Health Systems, University of Thessaly; Secretary General, EEMEPY and **Christos Triantafyllou**, Project Officer Quality of Care, WHO Athens Office on Quality of Care and Patient Safety

Workshop ends at 17:30

FRIDAY 19.01.2024 | KALLIRHOE HALL HACK

08:30-11:00

Gravitate-Health Hackathon - DAY 3

- Work in Teams
- Practicing presentations

- 9:00 | Q & A on the Pitching

- 10:00 | Final Presentations to the Jury | All teams

FRIDAY 19.01.2024 | ATTICA HALL OPEN

11:00-12:30

Plenary session

Athens Digital Health Week Closing Ceremony & Hackathon Prizes

This session will be live streamed. [Watch here](#)

FRIDAY 19.01.2024 | TEMPLARS HALL CLOSED

09:00-10:30

xShare session 1

10:30-11:00

COFFEE BREAK

12:30-14:00

xShare session 2

14:00-15:00

LUNCH BREAK

15:00-16:30

European EHRxF Standards and Policy Hub

Exploring the role of the collaboration among SDOs, regulators and industry to support initiatives that realise the connection of health systems based on the European EHR Exchange Format specifications, elaborating the X-Bundles as targeted aggregations of interoperability assets, and coordinating the joint governance and global harmonisation of the European EHRxF specifications.

Chair: **Robert Stegwee**, Chair, CEN/TC251