



PROGRAM

Legend	In blue: lectures	In yellow: tutorials	In orange: satellite event	(r) = remote lecture
---------------	-------------------	----------------------	----------------------------	----------------------

Starting Time	Duration	10th October 2022	11th October 2022	12th October 2022	13th October 2022	14th October 2022
		Day 1 Semantic interoperability: setting the ground	Day 2 Semantic interoperability: the openEHR way	Day 3 Semantic interoperability: the FHIR way	Day 4 Semantic interoperability: the FAIR way	Day 5 Semantic interoperability: connecting the dots
09:00	9:00-9:30	Registration				
09:15						
09:30						
09:30	09:30 - 09:45	Opening				
09:45	09:45 - 11:15	Session 1.1 <i>Interoperability in healthcare: foundation, evolution and perspective</i> B. Blobel (r)	Session 2.1 - Introduction to openEHR - openEHR archetypes and templates - Use of ontologies and terminologies in openEHR - Persistence and query strategies (AQL) S. Bakke, E. Sundvall	Session 3.1 - Introduction to FHIR - FHIR resources and profiles - Data exchange and querying strategies - Use of ontologies and terminologies in FHIR M. Giacomini, R. Gazzarata	Session 4.1 - Introduction to the FAIR Guiding Principles - Data stewardship - Data Management Plan - Data FAIRification - RDF, SPARQL, Data querying - Use of ontologies and terminologies - FAIR Data Points R. Cornet, E. Schultes	Session 5.1 (09:45) <i>Other standards and guidelines: HL7 v2, CDA2</i> M. Giacomini, R. Gazzarata
10:00						Session 5.2 (10:15) <i>Other standards and guidelines: IHE</i> A. Sulis
10:15						
10:30						
10:45						
11:00						
11:15	11:15 - 11:45	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break
11:45	11:45 - 13:15	Session 1.2 (11:45) <i>Ontologies and data models, focus on OMOP</i> R. Cornet	Session 2.2 - Introduction to openEHR - openEHR archetypes and templates - Use of ontologies and terminologies in openEHR - Persistence and query strategies (AQL) S. Bakke - E. Sundvall	Session 3.2 - Introduction to FHIR - FHIR resources and profiles - Data exchange and querying strategies - Use of ontologies and terminologies in FHIR M. Giacomini, R. Gazzarata	Session 4.2 - Introduction to the FAIR Guiding Principles - Data stewardship - Data Management Plan - Data FAIRification - RDF, SPARQL, Data querying - Use of ontologies and terminologies - FAIR Data Points R. Cornet, E. Schultes	Session 5.4 <i>Combining the approaches (1)</i> Lecturers CRS4 team
12:00						
12:15		Session 1.3 (12:15) <i>Terminologies, focus on LOINC and SNOMED</i> F. Macary (r)				
12:30						
12:45						
13:00	Session 1.4 (12:45) <i>School Roadmap</i> CRS4 team					
13:15	13:15 - 14:45	Lunch	Lunch	Lunch	Lunch	Lunch
14:45	14:45 - 17:45	Registration for the Satellite Event (14:45 - 15:00)	Session 2.3 <i>openEHR in action!</i> S. Bakke, E. Sundvall CRS4 team	Session 3.3 <i>FHIR in action!</i> M. Giacomini, R. Gazzarata CRS4 team	Session 4.3 <i>FAIR in action!</i> R. Cornet, E. Schultes CRS4 team	Session 5.5 <i>Combining the approaches (2)</i> Lecturers CRS4 team
15:00						
15:15						
15:30						
16:00						
16:15						
16:30						
16:45						
17:00						
		Iniziative internazionali per la condivisione di dati clinici e biomedici <i>Satellite event (Italian language)</i>				Conclusion

Legend	In blue: lectures	In yellow: tutorials	In orange: satellite event	(r) = remote lecture
---------------	-------------------	----------------------	----------------------------	----------------------