



Wednesday Thursday Friday

# PROGRAM

We are ready for DevDays! The program offers keynotes, tutorials, birds of a feather, project presentations and *Let's build!* sessions (classroom style). And let's not forget the social event.

Icons indicate the level: star for introductory and rocket for advanced. Times and rooms are subject to change.

Click on the session to find detailed information on the session and speaker.

**Welcome drinks – Tuesday, November 19!**  
 Come and join us for Welcome Drinks on Tuesday, November 19, between 17:00 and 18:30 hours in the Tolhuistuin in Amsterdam.

**Tolhuistuin**  
 IJpromenade 2  
 Amsterdam

### Legend

- Keynote
- Tutorial
- Let's build! 🛠️
- FHIR Projects from the community
- Birds of a Feather
- Start-ups & Students
- Meet & Code
- ★ Introductory Level
- 🚀 Advanced Level

## Wednesday, November 20

Time	Wiechert	Richard	Muham...	Chris	Vincent	Elon	Lounge	Oprah, ...
08:00								
08:30	<b>Opening</b> 08:30 - 08:50							
09:00	<b>FHIR Introduction</b> 09:00 - 09:40 Simone Heckmann ★	<b>Multiple FHIR Versions</b> 09:00 - 09:40 Grahame Grievie FHIR STANDARD	<b>Profiling Overview</b> 09:00 - 09:40 Mirjam Baltus MODELING	<b>Devices</b> 09:00 - 09:40 Todd Cooper DEVICES	<b>IPS</b> 09:00 - 09:40 Rob Hausam SPECIAL TOPICS	<b>Safety Check List</b> 09:00 - 09:40 Diego Kaminker SECURITY	<b>Meet &amp; Code</b> 09:00 - 20:00	
09:30	<b>COFFEE BREAK</b> 09:40 - 10:15							
10:00								
10:30	<b>FHIR Client with Java</b> 10:15 - 10:55 James Agnew DEVELOPER ★	<b>AI and Privacy</b> 10:15 - 10:55 Thomas Walter	<b>Provenance</b> 10:15 - 10:55 Yegor Hanov EHR	<b>Clinical Modeling</b> 10:15 - 10:55 David Hay CLINICAL	<b>Meet &amp; Code</b> 10:15 - 10:55	<b>Safety Check List</b> 10:15 - 10:55 Diego Kaminker SECURITY		
11:00								
11:30	<b>FHIR Client with .NET</b> 11:05 - 11:45 Mirjam Baltus DEVELOPER ★	<b>FHIR Architecture Design</b> 11:05 - 11:45 Lloyd McKenzie SPECIAL TOPICS	<b>Profiling in R4</b> 11:05 - 11:45 Grahame Grievie MODELING	<b>Clinical Modeling</b> 11:05 - 11:45 David Hay CLINICAL	<b>Workflow</b> 11:05 - 11:45 José Costa Teixeira EHR	<b>Vonk Plugins</b> 11:05 - 11:45 Christiaan Knaap FHIR SERVERS		
12:00	<b>Microsoft FHIR API</b> 11:55 - 12:35 Michael Hansen FHIR SERVERS 🚀	<b>FHIR Documents</b> 11:55 - 12:35 Rene Spronk DOCUMENTS	<b>Pharma on FHIR</b> 11:55 - 12:35 Rik Smithies PHARMA	<b>Clinical Modeling</b> 11:55 - 12:35 May Terry CLINICAL	<b>Genomics</b> 11:55 - 12:35 Patrick Werner GENOMICS	<b>Vonk Plugins</b> 11:55 - 12:35 Christiaan Knaap FHIR SERVERS		
12:30	<b>LUNCH</b> 12:35 - 13:45							
13:00								
13:30								
14:00	<b>Patient Track</b> 13:45 - 14:40							
14:30								
15:00	<b>HL7 v2 &amp; CDA to FHIR</b> 14:50 - 15:30 Grahame Grievie FHIR STANDARD ★	<b>FHIR Introduction</b> 14:50 - 15:30 Simone Heckmann	<b>FHIR &amp; DICOM</b> 14:50 - 15:30 Mohannad Hussain IMAGING 🚀	<b>Meet &amp; Code</b> 14:50 - 15:30	<b>Cerner Dev Program</b> 14:50 - 15:30 Yegor Hanov DEVELOPER	<b>Python FHIR Library</b> 14:50 - 15:30 Ilya Beda DEVELOPER	<b>Chair yoga</b> 14:50 - 15:30 Yoga Roots	
15:30	<b>COFFEE BREAK</b> 15:30 - 16:00							
16:00	<b>Health Records on iOS</b> 16:00 - 16:40 Apple DEVELOPER ★	<b>Dutch SMART on FHIR</b> 16:00 - 16:40 Michael van der Zel COMMUNITY	<b>FHIR Projects</b> 16:00 - 16:40 Aled Greenhalgh, Arpad Metzger COMMUNITY	<b>Terminology Services</b> 16:00 - 16:40 Jim Steel TERMINOLOGY	<b>Meet &amp; Code</b> 16:00 - 16:40	<b>Mapping Language</b> 16:00 - 16:40 Vadim Poretokin, Alexander Zaubke MODELING		<b>Yoga - Hip series</b> 16:00 - 16:40 Yoga Roots
16:30								
17:00	<b>Let's Build using Health Records on iOS!</b> 16:50 - 17:30 Apple DEVELOPER ★	<b>FHIR Facade</b> 16:50 - 17:30 Theo Stolker COMMUNITY	<b>Computer Based FHIR Testing</b> 16:50 - 17:30 Sergio Guineu-Molinós COMMUNITY	<b>Terminology Services</b> 16:50 - 17:30 Jim Steel TERMINOLOGY	<b>FHIR in Norway</b> 16:50 - 17:30 Thomas Rosenlund COMMUNITY	<b>Mapping Engines</b> 16:50 - 17:30 Vadim Poretokin, Alexander Zaubke MODELING		
17:30	<b>FOOD &amp; DRINKS</b> 17:30 - 20:00				<b>Practitioner vs Practitioner</b> 17:45 - 18:30 Grahame Grievie 🚀			
18:00								
18:30								
19:00								
19:30								
20:00								

## Thursday, November 21

Time	Wiechert	Richard	Muham...	Chris	Vincent	Elon	Lounge	Oprah, ...
08:00								
08:30	<b>Opening</b>							
09:00	<b>SQL-on-FHIR</b> 09:00 - 09:40 Alexander "Sasha" Sicular DEVELOPER 🚀	<b>IHE XDS</b> 09:00 - 09:40 Rene Spronk DOCUMENTS	<b>Data Validation</b> 09:00 - 09:40 Mirjam Baltus DEVELOPER	<b>SNOMED</b> 09:00 - 09:40 Peter Williams TERMINOLOGY	<b>Startup &amp; Student Track</b> 09:00 - 09:40	<b>HSPC</b> 09:00 - 09:40 Nikolai Schwertner DEVELOPER	<b>Meet &amp; Code</b> 09:00 - 17:30	
09:30	<b>COFFEE BREAK</b> 09:40 - 10:15							
10:00								
10:30	<b>SQL-on-FHIR</b> 10:15 - 10:55 Alexander "Sasha" Sicular DEVELOPER 🚀	<b>HAPI</b> 10:15 - 10:55 James Agnew FHIR SERVERS	<b>IG Publisher Introduction</b> 10:15 - 10:55 Lloyd McKenzie MODELING	<b>SNOMED</b> 10:15 - 10:55 Peter Williams TERMINOLOGY	<b>Mapping Anything to FHIR</b> 10:15 - 10:55 Cornelius Malcu	<b>HSPC</b> 10:15 - 10:55 Nikolai Schwertner DEVELOPER		
11:00								
11:30	<b>CDS Hooks</b> 11:05 - 11:45 Dennis Patterson CDS	<b>Care Planning and Management</b> 11:05 - 11:45 Rene Spronk EHR	<b>Remote Patient Monitoring</b> 11:05 - 11:45 Brian Reinhold DEVICES	<b>IG Publisher</b> 11:05 - 11:45 Lloyd McKenzie MODELING	<b>FHIR for Clinical Research</b> 11:05 - 11:45 Hugh Glover PHARMA	<b>Subscription</b> 11:05 - 11:45 Gino Canessa DEVELOPER		
12:00	<b>CDS Hooks</b> 11:55 - 12:35 Dennis Patterson CDS	<b>LOINC</b> 11:55 - 12:35 Daniel Vreeman TERMINOLOGY	<b>FHIR NPM Packages</b> 11:55 - 12:35 Martijn Harthoorn, Grahame Grievie MODELING	<b>IG in Simplifier</b> 11:55 - 12:35 Ardon Toonstra MODELING	<b>SAP OpenUI5</b> 11:55 - 12:35 Kishore Kumar Vivekanandan	<b>Subscription</b> 11:55 - 12:35 Gino Canessa DEVELOPER		
12:30	<b>LUNCH</b> 12:35 - 14:00							
13:00								
13:30								
14:00	<b>Group photo</b>							
14:10	<b>Keynote Huda Idrees</b> 14:10 - 14:30							
14:30								
15:00	<b>SMART on FHIR</b> 14:40 - 15:20 Josh Mandel SMART ON FHIR ★	<b>CDS</b> 14:40 - 15:20 Chris Schuler EHR	<b>Startup Presentation</b> 14:40 - 15:20 Selected startup companies	<b>R on FHIR: Cohort Counter</b> 14:40 - 15:20 Sander Laverman RESEARCH	<b>FHIR Shorthand</b> 14:40 - 15:20 Mark Kramer	<b>Care Coordination with FHIR</b> 14:40 - 15:20 Theo Stolker EHR	<b>Chair yoga</b> 14:40 - 15:20 Yoga Roots	
15:30	<b>COFFEE BREAK</b> 15:20 - 15:50							
16:00	<b>JavaScript / NodeJS</b> 15:50 - 16:30 Brian Kaney DEVELOPER	<b>SMART Web Messaging</b> 15:50 - 16:30 Carl Anderson CDS	<b>Student Team Presentation</b> 15:50 - 16:30 Nominated student teams	<b>Hacking Interop with AI</b> 15:50 - 16:30 Felix Le Chevallier	<b>SMART on FHIR</b> 15:50 - 16:30 Jan Ivar Øyulstad, Philip Simonsen COMMUNITY	<b>FHIR in Sweden and Finland</b> 15:50 - 16:30 Viktor Jernelöv, Anna Korpela COMMUNITY		<b>Yoga Hip Series</b> 15:50 - 16:30 Yoga Roots
16:30								
17:00	<b>JavaScript / NodeJS</b> 16:40 - 17:20 Brian Kaney DEVELOPER	<b>FHIR on Protobuf</b> 16:40 - 17:20 Nick George DEVELOPER	<b>Winners of Student and Startup Track</b> 16:40 - 17:20 Competing universities and selected startup	<b>Laboratory Test Ordering</b> 16:40 - 17:20 Aleksandr Ivanov COMMUNITY	<b>Scalable Secure Analytics</b> 16:40 - 17:20 Gidon Gershinsky COMMUNITY	<b>Integration Server   Semantic Similarity</b> 16:40 - 17:20 Pascal van... COMMUNITY		
17:30	<b>SOCIAL EVENT</b> 17:30 - 21:30							
18:00								
18:30								
19:00								
19:30	<b>Opening</b> 08:30 - 08:50							
09:00	<b>Hacking FHIR Server for Azure</b> 09:00 - 09:40 Brendan Kowitz DEVELOPER	<b>Consumer Access / Advanced Oauth</b> 09:00 - 09:40 Josh Mandel SMART ON FHIR	<b>FHIR R5</b> 09:00 - 09:40 Lloyd McKenzie STANDARDS	<b>CDA Tool Stack</b> 09:00 - 09:40 Oliver Egger DOCUMENTS	<b>The Dutch profiles</b> 09:00 - 09:40 Ardon Toonstra MODELING	<b>\$closure</b> 09:00 - 09:40 Rob Hausam TERMINOLOGY	<b>Meet &amp; Code</b> 09:00 - 16:00	
09:30	<b>COFFEE BREAK</b> 09:40 - 10:15							
10:00								
10:30	<b>IoMT - High Frequency Data</b> 10:15 - 10:55 Dustin Burson, Nate Malubay FHIR SERVERS	<b>Operational Analytics</b> 10:15 - 10:55 Mohannad Hussain	<b>Transferring Legacy to FHIR</b> 10:15 - 10:55 Nikolai Ryzhikov	<b>CDA Tool Stack</b> 10:15 - 10:55 Oliver Egger DOCUMENTS	<b>Dutch profiles: testing and qualification</b> 10:15 - 10:55 Ardon Toonstra MODELING	<b>\$closure</b> 10:15 - 10:55 Rob Hausam TERMINOLOGY		
11:00								
11:30	<b>IoMT Data to FHIR</b> 11:05 - 11:45 Dustin Burson, Nate Malubay FHIR SERVERS	<b>Structured Data Capture</b> 11:05 - 11:45 Lloyd McKenzie EHR	<b>GraphDefinit</b> 11:05 - 11:45 Rene Spronk DEVELOPER	<b>Vonk FHIR Facade</b> 11:05 - 11:45 Christiaan Knaap FHIR SERVERS	<b>Dutch profiles in a package</b> 11:05 - 11:45 Ardon Toonstra MODELING	<b>Quality Measurement</b> 11:05 - 11:45 Chris Schuler EHR		
12:00	<b>Graphql</b> 11:55 - 12:35 Grahame Grievie DEVELOPER	<b>Terminology Analytics</b> 11:55 - 12:35 John Grimes TERMINOLOGY	<b>Legacy Data In FHIR</b> 11:55 - 12:35 Jay Lytle COMMUNITY	<b>Vonk FHIR Facade</b> 11:55 - 12:35 Christiaan Knaap FHIR SERVERS	<b>Meet &amp; Code</b> 11:55 - 12:35	<b>CQL</b> 11:55 - 12:35 Chris Schuler EHR		
12:30	<b>LUNCH</b> 12:35 - 13:30							
13:00								
13:30	<b>Keynote Kristina and Kate Sheridan</b>							
14:00	<b>Google Cloud API</b> 14:00 - 14:40 Frank Yang, Nik Klassen FHIR SERVERS	<b>Healthkit Apps</b> 14:00 - 14:40 Mike Poluboyarinov DEVELOPER	<b>FHIRPath</b> 14:00 - 14:40 Mirjam Baltus DEVELOPER	<b>Forge</b> 14:00 - 14:40 Ward Weistra MODELING	<b>Argonaut International</b> 14:00 - 14:40 Ardon Toonstra	<b>FHIR Lessons</b> 14:00 - 14:40 Misha Kaletsky COMMUNITY		
14:30								
15:00	<b>Google Cloud API</b> 14:50 - 15:30 Frank Yang, Nik Klassen FHIR SERVERS	<b>Bulk Data</b> 14:50 - 15:30 Josh Mandel DEVELOPER	<b>Map FHIR to OMOP</b> 14:50 - 15:30 Sohrab Hejazi COMMUNITY	<b>FHIR in the Enterprise &amp; FHIR Facades</b> 14:50 - 15:30 Mohammed Unwiese, Pavel Smirnov COMMUNITY	<b>Repeated Session</b> 14:50 - 15:30 Speaker tba	<b>FHIR Persistence Layer</b> 14:50 - 15:30 Florian Briand COMMUNITY		
15:30	<b>Closing Keynote</b> 15:40 - 16:00							
16:00	<b>FAREWELL DRINKS</b> 16:00 - 17:00							
16:30								
17:00								