

12th GA WEEK detailed Programme 25-28 June 2018, Brussels

Meeting location: Headquarter of INTEROP-VLab

Bureau Région Nouvelle Aquitaine, 21 rue Montoyer, 1000 Brussels (Metro Trône)

The meetings will take place on 7th floor.

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		For I-VLab members only			For I-VLab members only. Voting reserved to Representatives.
		Public meetings			
		Monday 25th June	Tuesday 26th June	Wednesday 27th June	Thursday 28th June
9:00	30		09:00-12:30 Workshop: Ontology for Production and Enterprise Modelling David Chen, Bob Young	09:00-10:30 Standardisation Committee Meeting <i>Martin Zelm</i>	9:00-13:00 12th General Assembly meeting part I
10:00	30		Coffee Break (10:30-11:00)	Coffee Break (10:30-11:00)	
11:00	30		09:00-12:30 Workshop: Ontology for Production and Enterprise Modelling Hedi Karray, Frank-Walter Jaekel	11:00-12:00 Education Committee Meeting <i>Raul Poler</i>	
12:00	30		Lunch (12:30-14:00)	12:00-13:00 Scientific Committee Meeting <i>Ricardo Goncalves</i>	
13:00	30	13:00-16:00 Products Services Systems Workshop <i>Sergio Gusmeroli</i> <i>Giuditta Pezzotta</i> <i>Guy Doumeingts</i> <i>Amir Pirayesh</i>	Lunch (12:30-14:00)	Lunch (13:00-14:00)	Lunch (13:00-14:00)
14:00	30		14:00-16:00 TG 11 Manufacturing Enterprise Interoperability <i>Bob Young</i> <i>Gash Bhullar</i>	14:00-14:30 Dissemination / Website session	14:00-17:00 12th General Assembly meeting part II
15:00	30			14:30-16:00 Preparation of the GA <i>Guy Doumeingts</i>	
16:00	30	Coffee Break (16:00-16:30)	Coffee Break (16:00-16:30)	Coffee Break (16:00-16:30)	
17:00	30	16:30-19:00 Workshop: use of MDSEA/MSTB in an industrial SME in Portugal, CPMSinCPPS project (open call of BeinCPPS) <i>Guy Doumeingts, Amir Pirayesh, Carlos Agostinho, Gregory Zacharewicz</i>	16:30 - 18:30 TG13 Collaborative Supply Network Preparation of EU projects <i>Raul Poler</i> <i>Eduardo Saiz</i>	16:30-19:00 Creation of DIH in INTEROP-Vlab Poles / Regions Invited speakers on DIH Action Plan <i>Guy Doumeingts</i>	
18:00	30				
19:00	30				
20:00	30			Gala Dinner	

Details of the sessions

Monday 25th of June 2018, (7th floor)

13:00 – 16:00	Workshop: Product-Services Systems
	<p style="text-align: center;"><i>Sergio Gusmeroli (POLIMI, sergio.gusmeroli@polimi.it), Giuditta Pezzotta (University of Bergamo, giuditta.pezzotta@unibg.it), Guy Doumeingts (INTEROP-VLab, guy.doumaingts@interop-vlab.eu), Amir Pirayesh (INTEROP-VLab, amir.pirayesh@interop-vlab.eu)</i></p>
16:30 – 19:00	Workshop: The use of Modelling and Simulation in an industrial Portuguese SME
	<p style="text-align: center;"><i>Guy Doumeingts (INTEROP-VLab, guy.doumaingts@interop-vlab.eu), Amir Pirayesh (INTEROP-VLab, amir.pirayesh@interop-vlab.eu), Carlos Agostinho (UNINOVA, ca@uninova.pt), Grégory Zacharewicz (University of Bordeaux, gregory.zacharewicz@u-bordeaux.fr) Cristiano Fertuzinhos (Cristema) José Ferreira (UNINOVA, japf@uninova.pt)</i></p>
	<p>Moving from a product economy towards a service economy is a confirmed change in the business environment of manufacturing enterprises. Servitization leads to the design and development of Product Service Systems (PSS) which is based on innovative combinations of products and services to increase the market share. Considering the complexity of PSS, this workshop aims to present Solutions supporting PSS design, development and implementation.</p> <p>Agenda</p> <ol style="list-style-type: none"> 1. "Product-Service Systems in Industry 4.0: the PSYMBIOSYS project" (S. Gusmeroli) 2. "PSS Innovation Process: concepts and applications" (G. Doumeingts, A. Pirayesh) 3. "The DIVERSITY Methodology and engineering platform: integrating product and service along the whole PSS Lifecycle". (G. Pezzotta) <p>The objective of this workshop is to present the results of the project CPMSinCPPS using Modelling and Simulation (M&S) in the frame of Industrie4.0. The use case is a Portuguese SME in the domain of cutlery. The goal is to improve the performance and the satisfaction of the customers. The architecture uses the MDSEA approach supported by MSTB tool and modules resulting of the project BEinCPPS in order to elaborate and validate the Business Requirements as well as to determine Technological Requirements and to implement Solutions, not only in the IT domain but also in the domains of Organisation and Human aspects.</p> <p>Agenda</p> <ol style="list-style-type: none"> 1. Overview of the project CPMSinCPPS: the use of Modelling and Simulation to implement Industry 4.0 in a Portuguese SME (G. Doumeingts, INTEROP-VLab) 2. Modelling of the physical business process of the CPMSinCPPS use-case (A. Pirayesh, INTEROP-VLab) 3. Simulation of the physical business process of the CPMSinCPPS use-case (G. Zacharewicz, IMS University of Bordeaux) 4. Experimentation of Cyber Physical Production System Tools for the use case (C. Agostinho, UNINOVA) 5. Benefits for the industrial Partner (Cristiano Fertuzinhos, Cristema, use case representative)

Tuesday 26th of June 2018, (7th floor)

09:00 – 12:30	Workshop: Ontology for Production and Enterprise Modelling
	<i>Frank-Walter Jäkel (Fraunhofer IPK, frank-walter.jaekel@ipk.fraunhofer.de) David Chen (University of Bordeaux, IMS, david.chen@ims-bordeaux.fr), Bob Young (Loughborough University, R.I.Young@lboro.ac.uk), Hedi Karray (ENIT, mkarray@enit.fr)</i>
	<p>This workshop presents the development of ontology and Enterprise modelling to improve the performance of industrial organizations and develop networked business opportunities.</p> <p>Agenda</p> <ol style="list-style-type: none"> 1. Towards an ontological infrastructure for manufacturing interoperability (R. Young) 2. Developing an Enterprise Modelling Ontology (D. Chen) 3. Ontology behind IEM/MO²GO: extensions and drawbacks (F.-W. Jäkel) 4. The Industrial Ontologies Foundry (IOF): Coordinated Evolution of Ontologies to Support Semantic Interoperability in the Industrial Domain (H. Karray) 5. “Collaboration and Interoperability in Digital Business Innovation Ecosystems” (M. Missikoff)
14:00 – 16:00	Workshop TG11 Manufacturing Enterprise Interoperability
	<i>Bob Young (TANET UK, R.I.Young@lboro.ac.uk) and Gash Bhullar (Control2K, gbhullar@control2k.co.uk)</i>
	<p>Agenda</p> <ol style="list-style-type: none"> 1. Introduction / current status / objectives 2. Updates from members on specific project progress or MEI topics 3. Discussion of the I-ESA 2018 MEI workshop results. 4. Plans for 2018 – 2019 5. AOB
16:30 – 18:30	Workshop TG 13 Collaborative Supply Network and Interoperability
	<i>Raul Poler (UPVLC, rpoler@cigip.upv.es) and Eduardo Saiz (IKERLAN, ESaiz@ikerlan.es)</i>
	<p>Agenda</p> <p>Discussion of collected project ideas on the 8 selected H2020 2019 topics:</p> <ul style="list-style-type: none"> • DT-FoF-05-2019: Open Innovation for collaborative engineering production (IA) • DT-FoF-06-2019: Refurbishment and re-manufacturing of large industrial equipment • DT-ICT-01-2019: Smart Anything Everywhere • DT-ICT-07-2018-2019: Digital Manufacturing Platforms for Connected Smart Factories (3) "The human factor: human competences in synergy with technological progress" • DT-ICT-07-2018-2019: Digital Manufacturing Platforms for Connected Smart Factories (4) "Sustainable Value Networks: manufacturing in a circular economy" • DT-ICT-08-2019: Agricultural digital integration platforms • DT-SPIRE-06-2019: Digital technologies for improved performance in cognitive production plants

- ICT-8-2019: Security and resilience for collaborative manufacturing environments

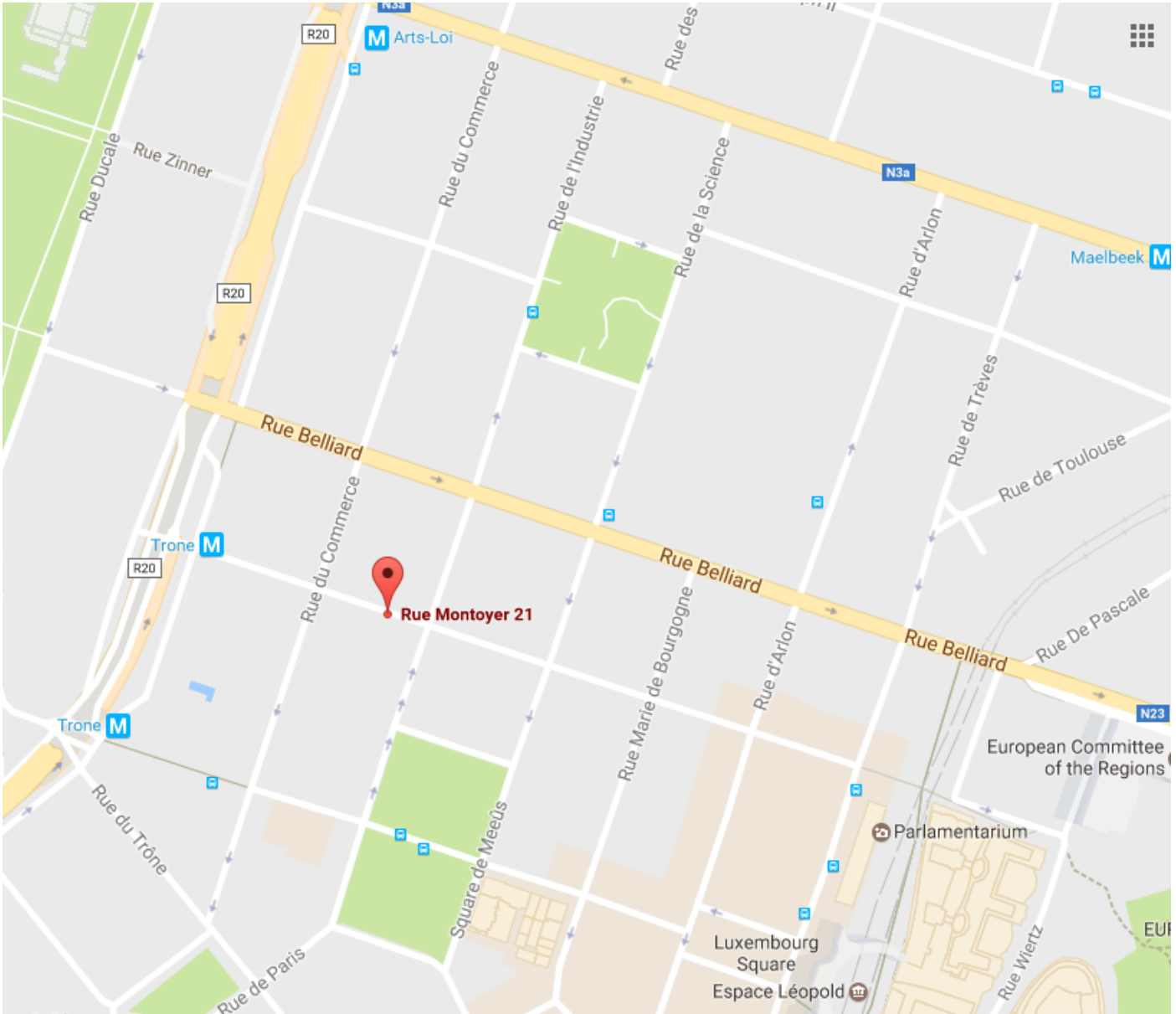
Wednesday 27 th of June 2018, (7 th floor)	
09:00 – 10:30	Standardisation Group Meeting
	<i>Martin Zelm (I-VLab - DFI Pole, martin.zelm@t-online.de)</i>
	<p>Agenda</p> <ol style="list-style-type: none"> 1. Model Driven Service Engineering Architecture (MDSEA) and applications, CEN-TechSpec (D. Chen) 2. ISO 19440-2 'Enterprise Modelling Constructs', progress and ballot results (M. Zelm) 3. FLEXINET: standardisation development leading to ISO 20534-'Formal Semantic Models for the configuration of global production networks' (R. Young) 4. Test Definition Language (TDL) and test profiles for IoT message exchange (FW Jaekel) 5. Debate about potential new directions (Open Standards?), EI standards applications or dissemination actions. (ALL)
11:00 – 12:00	Education Committee Meeting
	<i>Raul Poler (UPVLC, rpoler@cigip.upv.es)</i>
	<p>Agenda</p> <ol style="list-style-type: none"> 1. Adoption of the agenda 2. Activities performed from July 2017 to June 2018 3. Plan for the preparation of project proposals to be submitted to Education Calls 4. Status of the I-VLab e-Learning Platform 5. Publication of EI articles in Wikipedia and other media 6. AoB
12:00 – 13:00	Scientific Committee Meeting
	<i>Ricardo Gonçalves (UNINOVA, rg@uninova.pt)</i>
	<p>Agenda</p> <ol style="list-style-type: none"> 1. Welcome and approval of agenda (G. Doumeingts/R. Gonçalves) 2. Scientific Committee membership (R. Gonçalves) 3. "White document" on EI (R. Gonçalves) <ul style="list-style-type: none"> Report on actual status (all contributors) Action plan to close and publish the book (G. Doumeingts/R. Gonçalves) 4. I-VLab lab repository of EI scientific papers and PhD thesis. Updates (R. Gonçalves) 5. I-VLab Journal (R. Gonçalves, R. Poler) 6. Proposals on Enterprise Interoperability (G. Doumeingts, R. Gonçalves, R. Poler) 7. Analysis and strategy for I-ESA'2020 (G. Doumeingts, R. Gonçalves, I-ESA2020 chair) 8. AOB

14:00 – 14:30	Dissemination / Website session
	<i>Guy Doumeingts (guy.doumeingts@interop-vlab.eu)</i> <i>Emma Barthet (emma.barthet@interop-vlab.eu)</i>
	Agenda 1. Website 2. Communication means
14:30 – 16:00	Preparation of the General Assembly
	<i>Guy Doumeingts (INTEROP-VLab, guy.doumeingts@interop-vlab.eu)</i>
	The goal is to analyse the various points of the GA Agenda and to discuss in order to clarify the subjects. Arguments will be prepared to answer during the GA.
16:30 – 19:00	Development of DIH in Europe Creation of DIH in INTEROP-VLab Poles / Regions Action Plan
	<i>Invited speaker for development of DIH in Europe Guy Doumeingts (guy.doumeingts@interop-vlab.eu)</i>
19:30	Gala Dinner – Leopold Hotel

Thursday 28th of June 2018, (7th floor)

09:00 – 17:00	12th meeting of I-VLab General Assembly
	I-VLab partners are invited to attend and to take part in the discussions but only the Pole representatives can vote.

Get directions to the meetings location: <https://goo.gl/maps/qiCmv>



All the meetings will be organized on the 7th floor

List of hotels in Brussels

Hotel close to the Bureau Aquitaine Europe:

- Hotel Adagio Access Brussels Europe: <http://www.adagio-city.com/fr/hotel-8602-adagio-access-brussels-europe/index.shtml>



Hotels near to Brussels centre

- Hotel Ibis Brussels off Grand Place: <http://www.ibis.com/gb/hotel-1046-ibis-brussels-off-grand-place/index.shtml#>
- Hotel Ibis Brussels Centre St Catherine: <http://www.ibis.com/gb/hotel-1454-ibis-brussels-centre-st-catherine/index.shtml>



Hotels near to Gare du Midi

- Hotel ibis Brussels Centre Gare Midi: <http://www.ibis.com/gb/hotel-3152-ibis-brussels-centre-gare-midi/index.shtml>
- Euro Capital Brussels: <http://www.ec-hotel.com/>



Other choices at: www.booking.com or <http://uk.hotels.com/>