

# JOWO'22

## The 8th Joint Ontology Workshops

	MONDAY		TUESDAY		WEDNESDAY		THURSDAY		FRIDAY				
	room 1	room2	room 1	room2	room 1	room2	room 1	room2	room 1	room2			
09.00	DOORS OPEN		DOORS OPEN		DOORS OPEN		DOORS OPEN		DOORS OPEN				
09.30	Registration  Welcome talk		Janna Hastings: "Ontologies in the age of deep learning"		Networking time		Tutorial: gUFO Tiago Prince Sales, João Paolo A. Almeida and Giancarlo Guizzardi		Sebastian Rudolph: "The Matrix Has You – Toward Compositional Conceptual Spaces"				
10.30	Coffee break		Coffee break		Coffee break		Coffee break		Coffee break				
11.00	IFOW Chihiro Higuchi. <i>Japanese Food Ontology</i>	FOUST Jona Thai and Michael Gruninger. <i>Representation Theorems for Extensional Mereology</i>	Tutorial: KGT Tan He	OSS: <i>Foundational and Infrastructure</i> Daniela Rosu, Mark S. Fox and Bart Gajderowicz. <i>Compass Needs Ontology: A Design Pattern for Representing Needs in Social Work</i>	ROBOTICS Satuk Buğrahan Öztürk, Sezer Uğuz, Barış Özyer and Ahmet Coşkunçay. <i>The Task of Picking Up Boxes Using a Robotic Manipulator Based on Semantic Knowledge</i>	ENSUSTO Martin Glauser. <i>Ontologies in the Energy Domain - Challenges and Opportunities</i>	Tutorial: gUFO Tiago Prince Sales, João Paolo A. Almeida and Giancarlo Guizzardi	CAOS: <i>Ontologies, Metadata and Conceptual Representations</i> Martin Thomas Horsch and Björn Schembera. <i>Documentation of epistemic metadata by a mid-level ontology of cognitive processes</i>	FMKD Yasser Bourahla, Jérôme David, Jérôme Euzenat and Meryem Naciri. <i>Measuring and controlling knowledge diversity</i>	Tutorial: NLGOnto Maria Keet and Zola Mahlaza			
	Liliana Andrés-Hernández. <i>Progress and prospects for the Compositional Dietary Nutrition Ontology</i>	Pawel Garbacz. <i>Foundational ontologies meet automatic theorem provers</i>		Sam Smith, Damion Dooley and Yongqun He. <i>Foundational Development of an Occupation Ontology</i> Sam Smith, Damion Dooley and Yongqun He	Mihai Pomarlan, Maria M. Hedblom, Stefano De Giorgis, Mohammed Diab and Nikolaos Tsiogkas. <i>Thinking in front of the box: Towards intelligent robotic action selection for navigation in complex environments using image-schematic reasoning</i>	Mirjam Stappel, Lukas Emele, Ludwig Hülk and Hannah Förster. <i>The representation of energy, energy carriers and fuels in the Open Energy Ontology</i>		César Bernabé, Luiz Santos, Annika Jacobsen and Marco Roos. <i>Using goal models and a metadata model to share ontology intended uses as ontology domain context</i>	Felix Weber, Ahmed M. H. Abdel-Fattah and Kai-Uwe Kühnberger. <i>Searching for Types of Goals in a Conceptual Space of Goal Characteristics</i>		Fausto Giunchiglia and Mayukh Bagchi. <i>Representation Heterogeneity</i>		
	Marco Medici. <i>Linked open data for pesticides</i>	Yunpiao Bai and Michael Gruninger. <i>Spatiotemporal = Spatial X Temporal</i>		Paul Knowles, Philippe Page and Robert Mitwicky. <i>Decentralised semantics in distributed data ecosystems: Ensuring the structural, definitional, and contextual harmonisation and integrity of deterministic objects and objectual relationships</i>	Jeremy Coffelt, Mahya Mohammadi Kashani, Andrzej Waśowski and Peter Kampmann. <i>Belief-based Fault Recovery for Marine Robotics information on submission</i>	Eugenio Salvador Arellano Ruiz, Ulrich Frey and Carsten Hoyer-Click. <i>Competency questions for a test first development of an energy systems analysis ontology</i>		Mauricio Pedroza-Torres and Roberto Aguirre. <i>Sensorimotor signal mixer as a proposal for explaining pre-conceptual representation: a thought experiment</i>					
12.30	LUNCH		LUNCH		LUNCH		LUNCH		LUNCH				
14.00	IFOW Agnieszka Lawrynowicz. <i>Challenges in Ontological Modelling of Ingredient Substitution in Food Recipes</i>	FOUST Chiadika Emeruem, C. Maria Keet, Zubeida Khan and Steve Wang. <i>BFO Classifier: aligning domain ontologies to BFO</i>	A Foustian Struggle  Panel with: John Bateman, Riichiro Mizoguchi, J. Neil Otte, John Beverley, Alan Ruttenberg, Giancarlo Guizzardi, Stefano Borgo and Michael Grüninger	13.30 Bus leaves		Social event: Day along Vättern		Tutorial: gUFO Tiago Prince Sales, João Paolo A. Almeida and Giancarlo Guizzardi	CAOS: <i>Ontologies and Embodiment</i> Maria Rosaria Stufano Melone, Stefano Borgo and Oliver Kutz. <i>Image Schemas and Ontology in Architectural Rules</i>	FMKD Karge Jonas and Sebastian Rudolph. <i>A Generalized Condorcet Jury Theorem for Belief Fusion</i>	Tutorial: NLGOnto Maria Keet and Zola Mahlaza		
	Hannelore Heuer. <i>The Protein Application Ontology</i>	20 Adrien Barton, Cédric Tarbouriech, Laure Vieu and Jean-Francois Ethier. <i>A Mereological System for Informational Templates</i>							Stefano De Giorgis, Aldo Gangemi and Dagmar Gromann. <i>Introducing ISAAC: the Image Schema Abstraction And Cognition Modular Ontology</i>	Brandon Bennett. <i>Reference, Predication and Quantification in the Presence of Vagueness and Polysemy</i>			
	Damion Dooley and Tarini Naravane. <i>The Ontological How and Why - Action and Objective - of Planned Processes in the Food Domain</i>	22 Fumiaki Toyoshima, Adrien Barton and Jean-Francois Ethier. <i>Investigating Functions in BFO from the Viewpoint of Extrinsic Dispositions</i>							Sanja Sreckovic. <i>Embodied Inference</i>	Wai Lok Cheung. <i>Epistemic accessibility: an epistemic theory of belief.</i>			
	Katherine Thornton. <i>Matching Food Items with FoodOn Identifiers in a Knowledge Base</i>								Liga Zariņa, Jurgis Škilters and Girts Ratnieks. <i>Spatial ontology scheme for natural language constrained by topological and geometrical features</i>				
15.30	Coffee break		Coffee break		Coffee break		Coffee break		Coffee break				
16.00	IFOW: <i>Fermentation workshop part 1</i>	FOUST Fatme Danash and Danielle Ziebelin. <i>FORT's arguments, alignment with foundational ontologies, and CL-formalization</i>	Tutorial: KGT Tan He	OSS: <i>Service Patterns</i> Bart Gajderowicz, Daniela Rosu and Mark S. Fox. <i>Compass Event, Client, and Service Ontology: A Design Pattern for Social Services</i>	18.00 Bus leaves Gränna		Conference dinner at Gyllene Uttern		Peter Gärdenfors: "Conceptual spaces, event structure and cognitive ontology"		Surprise		
	Alcohol By Volume (ABV) Modelling Chaired by: Robert Warren			Paul Fabry, François Goyer, Adrien Barton and Jean-François Ethier. <i>An informational perspective on the ontology of services</i>					IAOA community meeting				
17.00	Welcome drink at Mariedal			Barry Smith and Peter Koch. <i>What is a service? (Discussion)</i>					21.30 Bus leaves			Social event: BBQ on the Beach	
17.30			IFOW: <i>Fermentation workshop part 2</i>	Fermentation Model and Beer Styles. Chaired by: Francesco Vitali and Damion Dooley									
19.00													
22.00									Return to Jönköping				