



SemWeb.Pro

Applied Category Theory for industry: tools,
methodology and use cases
New ways to integrate models, data and tools!

27 th Nov 2020 - 16:30 – 18:30 CET

Organizers: Yves Keraron, Eswaran Subrahmanian

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Time	Presentation
16:40-17:00	Short intro to Category Theory and the Semantic Web Henry Story - Cooperating systems UG
	Categories add algebra to graphs, and the resulting theory is the future of semantic representation Dr. Spencer Breiner - US National Institute for Standards and Technology
17:00-17:05	Clarification questions (5 min)
17:05-17:25	Generic modeling tool extraction based on Category Theory Dr. Dominique Ernadote - AIRBUS
	Category theory for Geometric Product Specification Prof. Paul Scott - University of Huddersfield
17:25-17:30	Clarification questions (5 min)
17:30-18:00	Statebox- Formally verified Process language Jelle Herold - Founder of Statebox
	Conexus: Categorical Informatics at Scale Dr. Ryan Wisnesky - Co-founder of Conexus
	Teaching Domain Experts to Model Categorically: Lessons and Opportunities Donald Thompson - Co-founder of MAANA
18:00-18:30	Clarification questions - Open discussion

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