GRACeFUL

Global systems **R**apid **A**ssessment tools through **C**onstraint **FU**nctional **L**anguages

Agenda

DAY 1, DEC 11th	
Welcoming addresses	▪ **EU FET Scientific Expectations** by Mr. Viorel Peca, Head of the "Future and Emerging Technologies" ▪ **Overview of day one** by Tom Creemers (PM GRACeFUL)
Keynote	**GSS focus on real-life applications – the role of CoeGSS and its impact on stakeholders** presented by Patrik Jansson (Chalmers University Gothenburg, Sweden)
Scientific presentations session A	▪ **CIMPLEX Project Overview** presented by George Kampis ▪ **Multi Aspect Multi Scale Modelling in the CIMPLEX Project** presented by Olivia Woolley ▪ **Participatory Data Collection of Epidemiological Data** presented by Marco Hirsch ▪ **Application of the CIMPLEX results in large scale epidemiological analysis** presented by Daniela Paolotti ▪ Discussion

DAY 1, DEC 11th	
Scientific presentations session B	▪ **Introduction into the project session** presented by Ivica Cubic (EC PO) ▪ **ODYCCEUS – Opinion Dynamics and Cultural Conflict in European Spaces** presented by Eckehard Olbrich ▪ **VERTIGO – Artists in research and innovation processes** presented by Thomas Bendig ▪ **EFFECT – From visionary science to solutions for every-day life: communication as a bridge between FET research and society** presented by Leire Martiarena ▪ **FET2RIN – Helping Future and Emerging Technologies to reach out investors and make a larger impact on society** presented by Dario Mazzella and Laura Lecci
Scientific presentations session C	▪ **Introduction into the GRACeFUL project** presented by Tom Creemers (PM) ▪ **Tools for participatory planning for climate resilient urban design** presented by Michiel Blind ▪ **GRACe, a Domain-specific Language for Concept Maps** presented by Alex Gerdes ▪ **HaskelZinc: Constraint Programming in Haskell through MiniZinc** presented by Klara Marntirosian

DAY 1, DEC 11th	
Scientific presentations session D	• **Introduction into the DOLFINS project** presented by Stefano Battiston (PM) • **Policy applications of complex networks for financial stability and sustainable finance** presented by Stefano Battiston • **Endogenous money in financial networks: some policy trade-offs** presented by Mauro Napoletano
Closing remarks	**Scientific expectations and achievements of day one** by Ivica Cubic (PO) and Tom Creemers (PM GRACeFUL)
DAY 2, DEC 12th	
Welcoming addresses	**Practical/application expectations and overview of day two** by Ivica Cubic (PO)
Keynote	**GSS and HPC – An Important Synergy for the Future** presented by Bastian Koller (High Performance Computing Center Stuttgart, Germany)

DAY 1, DEC 11th	
Prototypes and demonstrations introduction	• **Introduction into the practical work of the projects** presented by Ivica Cubic (EC PO) • **FET Flagship and policy applications of GSS** presented by Guido Caldarelli • **GRACeFUL Presentation:** "Visual Model Editor – Stakeholder Involvement and Collaborative Modeling in GSS", presented by Steffen Lohmann • **DOLFINS Presentation:** "Exposures, risk, and preferences in Banking and Finance", presented by Stefano Battiston • **CIMPLEX Presentation:** "The CIMPLEX Exploratory Concept", presented by Sebastian Alberternst
Prototypes and demonstrations hands-on session	• **DOLFINS:** "Explore the financial network of the Euro Area" • **DOLFINS:** "How shocks on the real economy impact the European banking sector?" • **DOLFINS:** "Similarities in stakeholder responses to EC consultations on Banking and Finance" • **GRACeFUL:** "Visual Editor Supporting the Rapid Assessment in GSS" • **CIMPLEX:** "CIMPLEX Exploration and Visualisation Framework"
Panel Discussions	**GSS in H2020 and beyond** PO and all PM, additional participants
Achievements of day two	**Practical/application expectations and achievements of day two** by Ivica Cubic (PO)

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