

# **Synergetics of Robots and Environment**

**14:00 – 14:30**

**Prof. Dr. Herman Haken, Center of Synergetics, Stuttgart University**

**Synergetics as a tool for dealing with complex systems**

**14:30 - 14:45**

**Prof. Dr. Paul Levi, IPVS, Stuttgart University**

**Self-Organisation: Order Parameters vs. Agents in Swarm Robotics**

**14:45 - 15:00**

**Dr. Kernbach, IPVS, Stuttgart University**

**Structural self-organization of symbiotic robot organisms**

**15:00 - 15:15**

**Dr. Antonio Manzalini, Telecom Italia**

**Engineering Self-organized Networks-of-Networks**

**15:15 - 15:30**

**Panel discussion**

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**POPOC**  
**Dr. Olivier Da Costa**  
**EC Directorate-General Information Society and**  
**Media**  
**Unit E5 – Cognitive Systems, Interaction, Robotics**

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