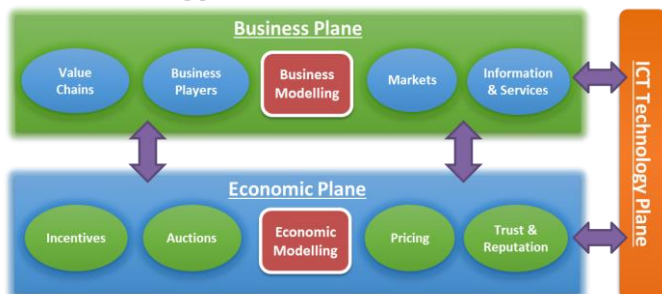




Our Mission

- To investigate and apply models and concepts where ICT technology, information and economics meet



Our Profile

- Key AUEB faculty members: C. Courcoubetis, G.D.Stamoulis, I.Koutsopoulos, A.Dimakis
- 6 Postdoctoral and 8 PhD researchers
- Broad international collaborations
- 12+ major projects completed since 2007
- Interdisciplinary know-how: Information and Communication Technologies, Economics, and Electrical Engineering

Research Areas

- Economic models for network services
- Incentive mechanisms for Internet traffic control
- Mechanism design for building and running shared infrastructures
- Demand response and energy efficiency
- Economic and Business models for network interconnection, provision of cloud services etc.
- Auction mechanisms: design and ICT applications
- Socio-economic analysis, Trust and Reputation

Application Domains

- Future Internet
- Energy: Smart Grids
- Internet of Things: Participatory Sensing
- Cloud Computing
- Regulation for telecoms and energy
- Next Generation Wireless Networks

Selected Projects

- Adapting Service lifeCycle towards Efficient Clouds
- Socially-aware Management of new overlay application Traffic combined with Energy Efficiency in the Internet
- WATT anALYST
- Operational Trustworthiness Enabling Technologies
- Incentives for Participatory Sensing



Key Recent Results

- Pricing Mechanisms and Business Models towards Energy Efficient Clouds
- Socially-aware and Energy-efficient Internet Traffic Management mechanisms
- Demand-Response Market Mechanisms for smart grids
- Economic Mechanisms for trust and trustworthiness in ICT systems
- Participatory Market Mechanisms for incentive-driven exchange of sensor data