### Session 4.1 (Prof. M. Kurkowski)
- Turek M., Werewka J., Palka D.
  - The scrum pricing model for developing a common software framework in a multi-project environment.
- Filcek G., Zak J.
  - The multiple criteria optimization problem of joint matching carpoolers and common route planning. Modeling and the concept of solution procedure.
- Smatana M., Butka P.
  - Dynamic visualization of generalized one-sided concept lattices and their reductions.

### Session 4.2 (Dr K. Juszczyszyn)
- Nyznar M., Palka D.
  - Generating source code templates on the basis of unit tests.
- Kowalska-Styczek A.
  - The impact of structure network parameters on consumers behavior: a cellular automata model.
- Smatana M., Butka P., Covekova L.
  - Tree based reduction of concept lattices based on conceptual indexes.

### Session 4.3 (Dr G. Suchacka)
- Turek M., Palka D.
  - Light reflection analysis method for 3D surface damage identification.
- Hołodnik-Janczura G.
  - The extension of user story template structure with an assessment question based on the kano model.
- Sarnovsky M., Butka P., Paulina J.
  - Social-media data analysis using Tessera framework in the Hadoop cluster environment.

### Session 5.1 (Dr G. Hołodnik-Janczura)
- Strug J.
  - Mutation testing in model accuracy assessment.
- Ignaciuk P.
  - State-Space modeling and analysis of Order-Up-To goods distribution networks with variable demand and positive lead time.
- Stasiak M.
  - Modelling of currency exchange rates using a binary representation.

### Session 5.2 (Prof. Z. Banaszak)
- Boczek Ł., Juszczyszyn K.
  - Recursive identification of nonlinear aerodynamic characteristics of Air-plane.
- Kecs W., Dobritoiu M., Ilias N.
  - Real-time sliding mode observer estimator design for hybrid electric vehicles battery management systems.
- Raczyński D., Stanisławski W.
  - Decomposition and reduction of indexing structures with use of the GPU computations.
- Majchrzycka A., Poniszewska-Maranda A.
  - Clustering algorithms and data streams for supervised control of data and prevention of threats in mobile application systems.
- Nyznar M., Palka D.
  - Generating source code templates on the basis of unit tests.
- Kowalska-Styczek A.
  - The impact of structure network parameters on consumers behavior: a cellular automata model.
- Smatana M., Butka P., Covekova L.
  - Tree based reduction of concept lattices based on conceptual indexes.

### Session 5.3 (Prof. A. Katkow)
- Borzemska M., Barański J., Kamińska-Chuchmala A.
  - Application of spatial econometrics methods in the analysis of WLAN performance.
- Mielnik V., Lopit I.
  - Simulation tool for effective tasks assignment in computer clusters.
- Zabawa J., Radosiński E.
  - Comparison of discrete rate modeling and discrete event simulation. Methodological and performance aspects.
- Boczek Ł., Juszczyszyn K.
  - Recursive identification of nonlinear aerodynamic characteristics of Air-plane.
- Kecs W., Dobritoiu M., Ilias N.
  - Real-time sliding mode observer estimator design for hybrid electric vehicles battery management systems.
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  - The impact of structure network parameters on consumers behavior: a cellular automata model.
- Smatana M., Butka P., Covekova L.
  - Tree based reduction of concept lattices based on conceptual indexes.

### Session 6.1 (Dr M. Fraś)
- Faber Ł.
  - Distributed computing architecture on epiphany MIMD accelerators.
- Grobelny J., Michalski R.
  - Applying hidden Markov models to visual activity analysis for simple digital control panel operations.
- Wilimowska Z., Tomczak S., Wilimowski M.
  - Selected methods of risk modelling in management process.

### Session 6.2 (Prof. L. Borzemski)
- Falas Ł., Juszczyszyn K.
  - Towards effective allocation of resources in service-oriented systems.
- Tudoroiu M., Elefterie L., Tudoroiu E., Kecs W., Dobritoiu M., Ilias N.
  - Real-time sliding mode observer estimator integration in hybrid electric vehicles battery management systems.
- Czarnecka A., Górski A.
  - How can the fractal geometry help with analyze of the Stock Exchange market?

### Session 6.3 (Prof. Z. Banaszak)
- Brzeski A.
  - Automatic detection of nerves in confocal corneal images with orientation-based edge.
- Pieniążek J., Ciuciński P.
  - Recursive identification of nonlinear aerodynamic characteristics of Air-plane.
- Kamińska A., Parkitna A., Siatkowska S.
  - Intellectual capital- measuring the intangibles and reporting.
- Sudol A.
  - Methods of digital Hilbert optics in the analysis and objects' recognition.
- Gąbka J.
  - Simulation tool for effective tasks subcontracting in manufacturing networks.