

# **INTERSYMP-2017**

## **29<sup>th</sup> International Conference on Systems Research, Informatics and Cybernetics**

**July 31 - August 4, 2017**  
**Markgraf-Ludwig Gymnasium, Hardstrasse 2**  
**Baden-Baden, Germany**

### **18th Symposium on Decision Technology and Intelligent Information Systems**

**August 3, 2017**

**Chair: Professor Kurt J. Engemann, Iona College, United States**

#### **Focus of the Symposium**

This special focus symposium will provide a venue for high quality discussion of recent advances in Decision Technology and Intelligent Information Systems. Of particular interest are papers that investigate contemporary decision methodologies and models. Welcomed are papers combining traditional approaches with new technologies to provide innovative solutions to important and complex problems.

#### **Topics include (but not limited to):**

#### **Methodological and Technological Areas**

- Decision Models, Simulation and Data Analysis
- Risk Evaluation and Control
- Intelligent Agents
- Business Continuity Management Strategies
- Data Visualization
- Interactive Evolutionary Computation
- Cooperative Negotiation Systems
- Business Impact Analysis
- Embedded Systems
- Planning and Resource Allocation Models
- Success Factors and Group Attitudes
- Decision Support Systems
- Executive Support Systems
- Artificial Intelligence
- Information Fusion
- Multiattribute Modeling
- Neuro-fuzzy Modeling
- Attitudinal Based Decision Models
- OLAP
- Semantic Query Optimisation
- Scheduling Systems
- Mathematical Programming
- Knowledge Management Systems
- Uncertainty and Risk Management
- Automated Negotiation
- Genetic Algorithms

- Fuzzy Sets, Neural Networks, and Knowledge Based Tools
- Interval Estimation
- Entropy-Linear Programming
- Ontology-based Knowledge Systems
- Financial Engineering, Econometric Models, and Economic Systems
- Semantic Data Processing
- Business Process Redesign and Re-engineering
- Systems Methodology and Object-Oriented Technology
- Business Intelligence
- Collaborative Networks
- Multi-Attribute Objects
- Discrete Logarithm Algorithm
- Induced Aggregation Operators
- Smart Technologies
- Semantic Networks and Ontologies

### **Application Areas**

- Risk Management
- Critical Infrastructure
- Information Quality Assessment
- Business Continuity Planning
- Electronic Commerce
- Global Business
- Supply Chain Management
- Data Security
- Outsourcing
- Terrorism and Global Threats
- Global Knowledge Experts
- Technology Utilization
- E-Government
- Holistic Decision Making
- Disaster Management
- Group Support System Facilitation
- Mobile Communication
- Project Initiation and Management
- Cognitive Modeling
- Emergency Response and Operations
- Software Project Management
- Asset Allocation Modeling
- Network Security
- Financial Crisis
- Contingency Planning
- Environmental Systems
- Quality of Life Industry
- IT Investment Management
- Energy Systems
- Crisis Management
- Communication Technologies
- Strategic Planning
- Global Operations Management
- Project and Process Management
- Health Systems
- Organizational Resiliency
- Productivity and Quality Management
- Policy Planning
- Investment and Banking
- Information Resource Management
- Strategic Uses of Information Technology
- Ethics and Value Change
- Information Assurance
- Stock Market Valuation
- Influence of Power
- Reliability of Information
- Natural Gas Pipeline Transportation
- Supply Chain Disaster Recovery
- Credit Crisis
- Political Management
- Research and Development



### General Chair

Professor George E. Lasker  
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### Symposium Chair

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