

**5th International Symposium on Architecture of 21st Century:  
In Search of New Paradigms**

Chair: Dr. Greg Andonian, Carleton University Architecture, Ottawa, Canada  
Prof. Craig Anz, Southern Illinois University, Carbondale, IL, USA  
Prof. Taha A. Al-Douri, NYIT, USA & Abu Dhabi, UAE

**Morning Session – from 9:00 a.m. to 12:00 noon**

**Architecture & Emerging Fields of Inquiry**

by Prof. Greg Andonian, School of Architecture, Carleton University, Ottawa, Canada

**Revitalization of Ailing Settlements in human dimension with collaborative spirit**

by Prof. Ayten Aydin Civil Engineer/Anthropologist, IIAS, Rome, Italy

**Flexible | Adaptable | Accommodating:**

**Advocating + Invocating Amplified Agility in Architecture**

by Prof. Brian R. Sinclair, University of Calgary, Alberta, Canada

**Under The Rule of an *Acéphale*: Notes On Singular Leadership and Collective Will**

by Prof. Taha A. Al-Douri, School of Architecture and Design, Qatar & NYIT, USA

**Afternoon Session – from 2:00 p.m. to 5:00 p.m**

**Cryo-dynamics: Diebner's Entropy Becomes Ectropy in the New Sister Discipline  
to Thermodynamics**

by Prof. Otto E. Rössler & A. Sanayei, University of Tübingen, Tübingen, Germany

**Architecture for Applied Mathematics Constructed on the Perplex Number System**

by Prof. Jerry LR Chandler, George Mason University, Fairfax, VA., USA

**New Education & New Architecture: Electro-media in a New Key**

by Prof. Oksala, Aalto University, IIAS, Helsinki, Finland

**An Ontology-based Model to Represent Human – Built Environment Interaction**

by Dr. Davide Simeone & Armando Trento, Sapienza University of Rome, Italy

**Roundtable Discussion**