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SGCI

URBAN CENTER FOR COMPUTATION AND DATA

Turning Smart: Challenges and Experiences in Smart Application Development

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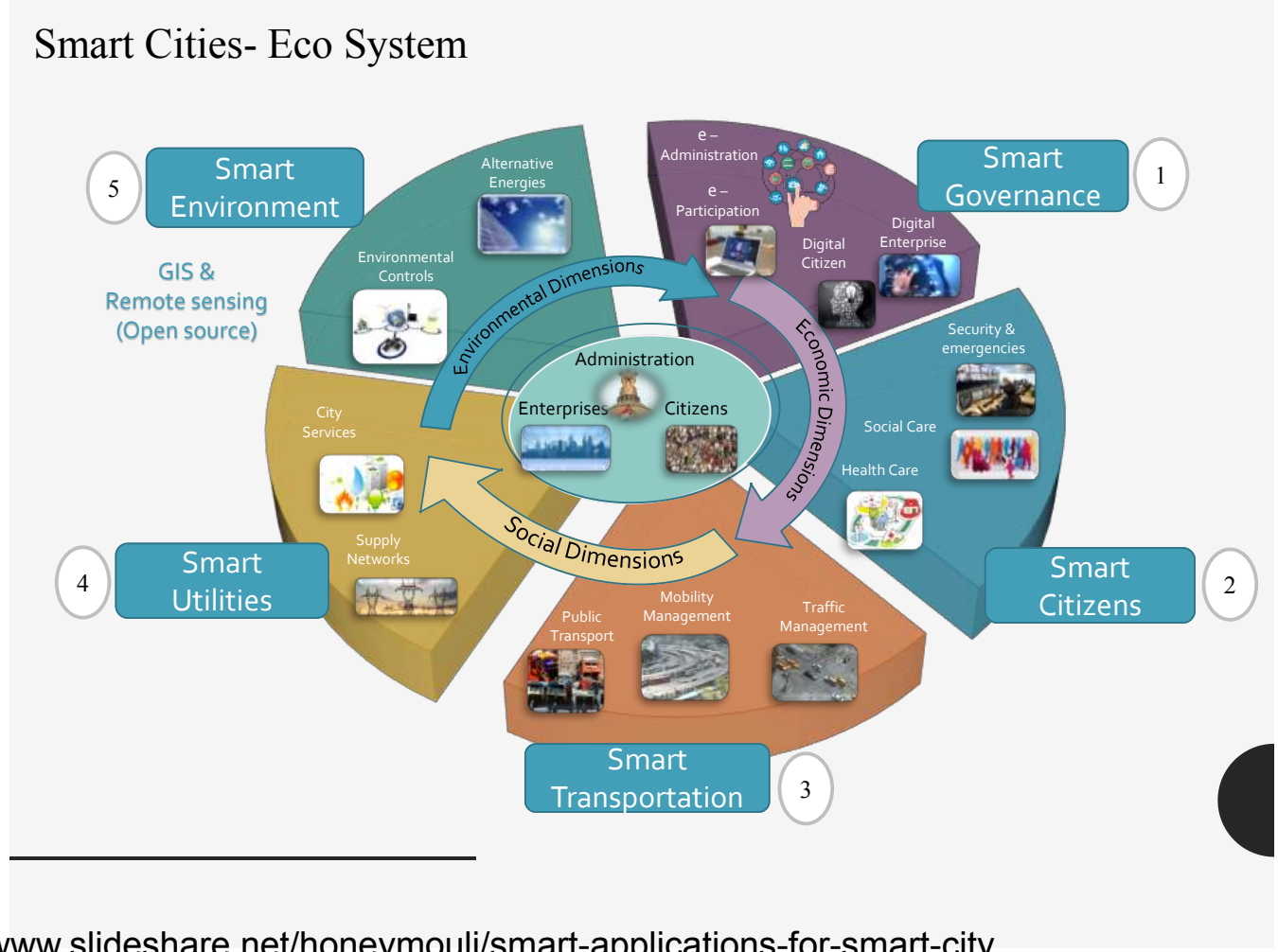
SHIDLER COLLEGE OF BUSINESS

Smart (City) Applications have a lot of facets!



Source: https://www.slideshare.net/honeymouli/smart-applications-for-smart-city

Smart (City) Applications have a lot of facets!

Reflected also in minitracks at HICCS!

- Software Technology
  Turning Smart: Challenges and Experiences in Smart Application Development
- Electronic Government
  Smart Cities and Smart Cities Government
- Decision Analytics, Mobile Services, and Service Science
  Decision Support for Smart City and Digital Services

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We are interested in how smart application concepts and ideas are realized, particularly from a **software engineering and architecture point of view**.

The user community for smart applications is also characterized by different stakeholders: from researchers to policy makers to the general public. Thus, it is crucial to achieve **easy-to-use end-to-end solutions**, which support the diverse roles in the community and their different interests and knowledge about smart applications.

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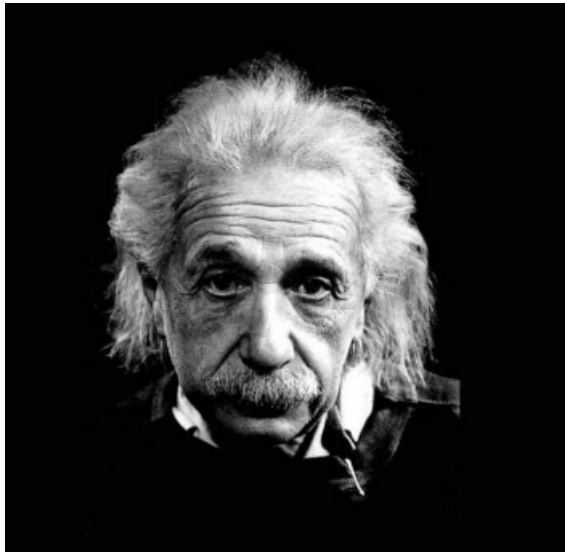
Topics of Interest

- System Architectures for Smart Application
- Best practices and Key Success Factors in Smart Application Development
- Platforms for Smart Applications
- Data-hubs and their roles in Smart Application Developments
- Easy-to-use end-to-end solutions for Smart Applications
- Web services for Smart Applications
- Real-time data analytics and machine learning in practice
- Successful Smart Application Project Management
- Infrastructures for Smart Applications
- Securing Smart Applications and Sensor Networks
- Promoting Smart Applications



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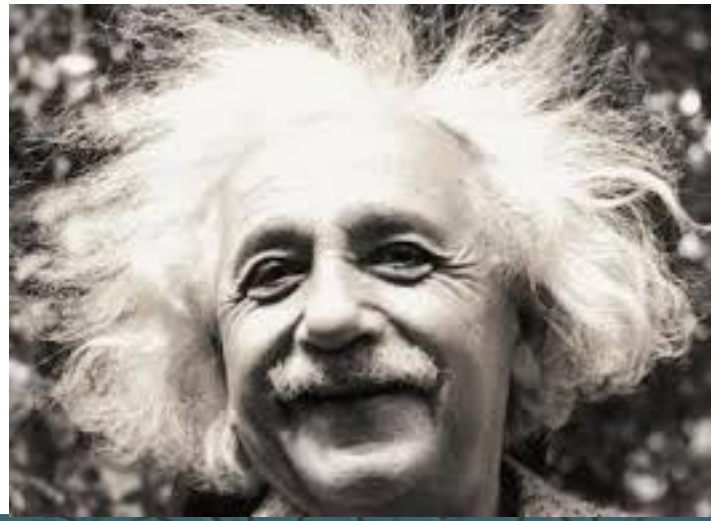
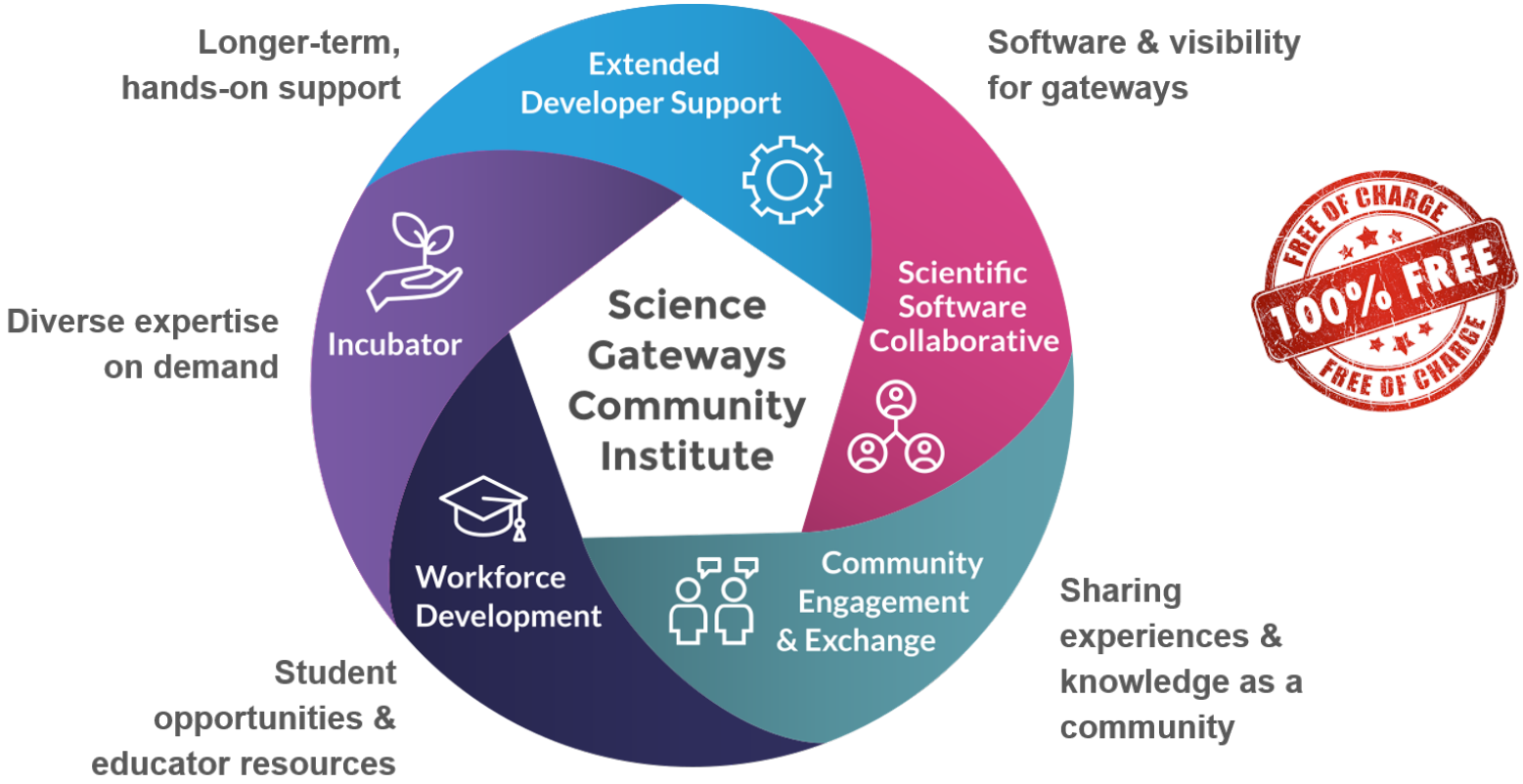


Program

- Capability Based Communication for Green Buildings and Homes - A REST-like API within the conex.io Project
  Olaf Droegehorn, Philipp Trenz, Benjamin Brausse, Timo Schwan, Christin Voscort, Marcel Wemmer
- ASAS: An Approach to Support Simulation of Smart Systems
  Valdemar Vicente Graciano Neto, Lina Garcés, Milena Guessi, Carlos Paes, Wallace Manzano, Flavio Oquendo, Elisa Nakagawa
- Smart Application Development for IoT Asset Management Using Graph Database Modeling and High Availability Web Services
  Holm Smidt, Matsu Thornton, Reza Ghorbani
- Evaluating the FIWARE Platform
  Peter Salhofer

Thanks for your attention!



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