SYSTEM OF SYSTEMS INTEGRATION IN SOSE 2018, PARIS, FRANCE

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OVERVIEW FOR INTEGRATION SESSION

- SoIS for collaborative activities
  by Zoubida Afoutni et.al.
  Sorbonne University, France

  - ➤ Linking brainstorming sessions with information needed for the session

  - ➤ ECOPACK: Digital platform for collaborative decision making and innovation

  - ➤ MEMORAeSoIS platform

OVERVIEW FOR INTEGRATION SESSION

- SoS managerial and operational affinity
  by Mike Yokell
  Lokheed Martin, USA

  - ➤ Two systems owned by two organisations

  - ➤ Managerially independent, operationally interdependent

  - ➤ Maier's taxonomy or Dahmann and Baldwin's taxonomy

  - ➤ Outlook:

    - ➤ Building trust: the first element of integration

OVERVIEW FOR INTEGRATION SESSION

- Data integration for community
  by Inas S. Khayal
  Dartmouth College, USA

  - ➤ How to understand and compare communities

  - ➤ Communities that come together

  - ➤ Data

    - ➤ www.enterprisecommunity.org

    - ➤ www.census.org

OVERVIEW FOR INTEGRATION SESSION

- Program constructs for the rich picture
  by Christopher French
  Shoal Engineering, Australia

  - ➤ Tools to communicate complexity

  - ➤ Integration by design

  - ➤ Dependencies, schedule, …

  - ➤ Use of the wave model

OVERVIEW FOR INTEGRATION SESSION

- Enterprise approach to SoS
  by Marc F. Austin et.al.
  US DoD, Engility Corp., USA

  - ➤ Enterprise approach for system of system

  - ➤ Successful development of systems

    - ➤ Herding the cats (🐈 independent animals)

    - ➤ Objective hierarchy, value focused thinking approach (filling the buckets), and portfolio management

  - ➤ Navigating the road to Euphoria

  - ➤ Where we are? Plan, design, build, test, release, repeat

  - ➤ System Readiness Assessment (SRA)

- Interfaces modelling

  by Elahe Maleki et. al.

  Ecole Centrale de Nantes, France

  ➤ Product, (mechanical, electronical, cybernetic) service (embeded system, software,), system (infrastrcutre,)

  ➤ ICP4life project

  ➤ Bicycle sharing, connection, interface,