Quality of Information (QoI)

Joint task (IPP and APP) with Tarek Abdelzaher (UIUC) and Charu Aggarwa (IBM).

INARC IPP:
- Project I1: “Distributed Real-time Data Fusion and Information Extraction.”
- Task I1.1: “QoI-aware Signal Data Fusion.”

INARC APP:
- Project I1: “Data Fusion in Information Networks.”

Work in progress (see poster):
- “On Sensor Selection in Linked Information Networks.”
- Joint work with Charu Aggarwal (PI IBM) and Simon Shamoun (Student CUNY)
Time-Varying Networks

EDIN IPP:
- Project E2: “Mathematical Modeling of Composite Networks.”
- Task E2.2: “Graph Models that Capture Time.”

EDIN APP:
- Project E2: “Dynamics and Co-Evolution of Composite Networks.”
- Task E2.1: “Modeling Time-Varying Networks.”

Work in progress (see poster):
- “Modeling and Analysis of Time-Varying Graphs.”
- Joint work with Prithwish Basu (IRC-BBN), Ram Ramanathan (CNARC-BBN), Matthew P. Johnson (CNARC-PSU).
- Poster is presented by Feng Yu (CUNY student).
Beyond Graphs: Models and Solutions that Capture Groups

- **EDIN APP**: new task.
  - **Project E1**: “Modeling of Composite Networks.”
  - **Task E1.3**: “Beyond Graphs: Models and Solutions that Capture Groups.”

- **Working document**:
  - “Beyond Graphs: Modeling and Analysis of Groups in Networks.”
  - Joint work with Prithwish Basu (IRC-BBN), Matthew P. Johnson (CNARC-PSU) Ram Ramanathan (CNARC-BBN), Wei Ren (CNARC-UCDavis), Ananthram Swami (ARL).