Mathematical Formalism SIG

- **Highlights from this Meeting:**

  - Submission of RFC for UPR: UML Profile for ROSETTA (MARS 2017-11-02)

  - Reviews and revisions at MARS:

    - MARS/2017-12-04: *UPR RFC Review*

    - MARS/2017-12-13: *UPR RFC with change bar*

    - MARS/2017-12-15: *Summary spreadsheet on AB/ADTF comments; changes*

  - The profile specifies a foundational facility to annotate models with information required to perform analysis for architecture optimization and constraint driven design trade-offs. It also supports efficient and effective transformation of the system architecture into detailed system design.

  - The profile proposes 5 packages, 10 stereotypes, and 1 library. It also provides 2 case studies for illustration/demonstration.

ROSETTA: Relational Oriented Systems Engineering Technology Trade-off & Analysis

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- **Deliverables from this Meeting:**
  - Technology Adoption Recommendation(s)
    - None at this time
  - RFP/RFI/RFC Recommendation(s) or Other Recommendation(s) (if SC)
    - MARS/2017-12-14: RFC for UPR: UML Profile for ROSETTA (with changes)
    - MARS-ADTF session voted for recommendation for issuance
    - Based on review at the AB; the RFC will be re-hosted in ADTF, re-submitted
- **Future Deliverables (In-Process):**
  - Technology Adoptions
    - N/A
  - RFC in process
    - UPR (ROSETTA) RFC will be re-submitted (in February) for March TQM
    - Current plan is for issuance in March 2018
- **Liaisons**
  - ZTI Systems, IBM, Air Bus, NIST and Loughborough University
- **Agenda Items for the Next Meeting:**
  - Re-submit UPR RFC; Review by ADTF and continued revision