Mathematical Formalism SIG

• **Highlights from this Meeting:**
  - Presentation and submission to MARS on draft ROSETTA UML/ SysML Profile:
    - MARS/2017-06-08: *UML Profile for ROSETTA: Update on Draft RFC*
    - MARS/2017-06-09: *Draft Profile for the Relational Oriented Systems Engineering Technology Trade-off and Analysis Framework (ROSETTA)*
    - The ROSETTA Profile will ‘provide precise syntax and semantics that will facilitate the export of UML and SysML system models to a matrix representation that can be used to structure mathematical knowledge for concordant use in simulation at the conceptual and detailed design levels’.
  - The draft Profile* proposes 4 stereotypes and 3 metaclasses; and 3 case studies
  - OMG submitter members are showing interest; some have made commitment to support. Details to follow in the September RFC submission.

*The draft profile is complete but only about 70 - 80% written up.*
• **Deliverables from this Meeting:**
  – Technology Adoption Recommendation(s)
    • None at this time
  – RFP/RFI/RFC Recommendation(s) or Other Recommendation(s) (if SC)
    • None at this time

• **Future Deliverables (In-Process):**
  – Technology Adoptions
    • N/A
  – RFC in process
    • RFC for ROSETTA Profile version 1 will be submitted (in August) for the September TQM
    • Current plan is for approval of the RFC by March 2018

• **Liaisons**
  – Private industrial and academic liaisons

• **Agenda Items for the Next Meeting:**
  – Review and revision of the RFC submitted