

- **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.

# Mathematical Formalism SIG

TC Meeting Date: 13 September 2016  
Reporting Chair: Prof Charles Dickerson  
Group page (URL): <http://maths.omg.org/>  
Group email: [maths@omg.org](mailto:maths@omg.org)

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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)
  - 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