

- **Highlights from this Meeting:**

- Presentation and review of ROSETTA Profile, Remote Sensing System (RMS)

Case Study to MARS; Constrained Objective Design, RMS CS to SE DSIG:

- MARS/2017-09-11: *ROSETTA RFC Review*
- MARS/2017-09-12: *ROSETTA RFC: RMS Case Study*
- SYSENG/2017-09-07: Constrained Objective Design
- The profile provides facilities to annotate models with information required to perform analysis for optimization and trade-offs; and support efficient and effective transformation of the system architecture into detailed system design.
- Profile proposes 13 stereotypes; and 3 case studies for illustration/demonstration.

# Mathematical Formalism SIG

TC Meeting Date: 29 September 2017  
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)
  - MARS/2017-09-01: Profile ROSETTA Framework submitted
  - Based on the extensive comments received; submission withdrawn for revision

- **Future Deliverables (In-Process):**

- Technology Adoptions
  - N/A
- RFC in process
  - ROSETTA Profile RFC will be re-submitted (in November) for December TQM
  - The focus will be on real-time embedded systems which are driven by engineering.
  - Current plan is for adoption by March 2018

- **Liaisons**

- ZTI Systems, IBM, Air Bus, NIST and Loughborough University

- **Agenda Items for the Next Meeting:**

- Re-submit ROSETTA RFC; Review and revise