Physics of the Cosmos
(PhysPAG)
Gamma-ray Science
Interest Group
(GammaSIG)

231st AAS
Meeting (2018)
Gamma-ray Science Interest Group (GammaSIG)

Group Coordinators

- Sylvain Guiriec (The George Washington University)
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The goal of GammaSIG is to provide quantitative metrics and assessments to NASA in regard to current and future needs of hard X-ray and gamma-ray astrophysics community. Specifically, the GammaSIG will:

- Act as a focal point and forum for the hard X-ray and gamma ray community.
- Organize telecons to discuss recent science results and current and future missions
- Maintain a list of technology needs for future hard X-ray and gamma-ray missions.
- Produce suggestions to help support the specific needs of this unique community: organizational, scientific, funding.

Past meetings and telecons

- **2017/11/16 (16th HEAD):**
  - COSI (Steve Boggs)
  - TAP (Judith Racusin)
  - AMEGO (Julie McEnery)
- **2017/11/16:** GW/GRB (Leo Singer and Colleen Wilson-Hodge)
- **2017/12/14:** HAWC/Fermi (Petra Huentemeyer and Giacomo Vianello)

Next telecons

- **2018/01/25:** GRBs (Bruce Grossan and Jeremy Perkins)
- **Swift/SVOM**
- **Veritas/Fermi**

Do you want to propose a contribution? https://goo.gl/forms/p69mOmdvVXXpeiYq2
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Agenda

- PhysPAG/GammaSIG

- “The e-ASTROGAM mission (exploring the extreme Universe with gamma rays in the MeV-GeV range)”
  
  David Thompson, NASA GSFC

- “AMEGO updates”

  Julie McEnery, NASA GSFC

- Open discussion
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Open Discussion

- MMA SAG participation!
- Strategy for the decadal survey preparation
  - White Paper planning
  - What science topics should the gamma-ray community be sure to cover?
  - What role should the GammaSIG have?
- Strategic technology development
  - White Papers
  - Reports for PhysPAG