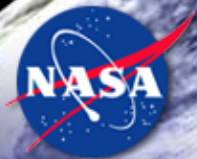


Physics of the Cosmos (PhysPAG)

Gamma-ray Science Interest Group (GammaSIG)



**231st AAS
Meeting (2018)**



Gamma-ray Science Interest Group (GammaSIG)

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**



Gamma-ray Science Interest Group (GammaSIG)

GammaSIG Purpose

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.
- To 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.

(<https://pcos.gsfc.nasa.gov/sigs/grsig.php>)



Gamma-ray Science Interest Group (GammaSIG)

Group Coordinators

- **Sylvain Guiriec (The George Washington University)**
sguiriec@gwu.edu (Chair)
- **Henric Krawczynski (Washington University)**
krawcz@wustl.edu
- **John Tomsick (University of California, Berkeley)**
jtomsick@ssl.berkeley.edu



Gamma-ray Science Interest Group (GammaSIG)

GammaSIG Meetings

Past meetings and telecons

- 2017/11/16 (16th HEAD):
 - COSI (Steve Boggs)
 - TAP (Judith Racusin)
 - AMEGO (Julie McEney)
- 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>



Gamma-ray Science Interest Group (GammaSIG)

Multimessenger Astrophysics Science Analysis Group (MMA-SAG)

- **We currently have three candidates:**
 - **Tonia Venters (NASA GSFC)**
 - **Dieter Hartmann (Clemson University)**
 - **Demos Kazanas (NASA GSFC)**
- **If you want to be considered for MMA-SAG, please let us know before the end of the week.**



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Gamma-ray Science Interest Group (GammaSIG)

Open Discussion

- **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**