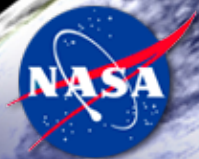


# Physics of the Cosmos (PhysPAG)

## Gamma-ray Science Interest Group (GammaSIG)



231<sup>st</sup> AAS  
Meeting (2018)



# Gamma-ray Science Interest Group (GammaSIG)

## *Group Coordinators*

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



# 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.
- 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)

## *GammaSIG Meetings*

### Past meetings and telecons

- 2017/11/16 (16<sup>th</sup> 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)

## *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)

## *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**