

MMA SAG Kickoff meeting

8 Jun 2018

Noon Eastern / 9a Pacific

[Use the View/Document outline view to navigate the document more efficiently.]

[When editing w a group in real time, be sure to leave blank lines below where others can write.]

Website, including agenda:

<https://pcos.gsfc.nasa.gov/sags/mmasag.php>

Telecon Participants: (8 Jun 2018)

[Please add your name below, including institution or affiliation]

Gavriil Michas (NASA/MVML/DHS)

Erin Kara (UMD)

Emanuele Berti (JHU)

Sarah Burke-Spolaor (West Virginia University)

Eric Burns (GSFC)

John Tomsick (UC Berkeley)

Nathan Whitehorn (UCLA)

Jillian Bellovary (CUNY)

Rachel Hamburg (UAH)

Michelle Hui (MSFC)

Brian Humensky (Columbia)

Filippo D'Ammando (INAF)

Azadeh Keivani (Penn State)

Michael Moss (George Washington University)

Dieter Hartmann (Clemson U.)

Mark Reynolds (U. of Michigan)

Peter Shawhan (UMD)

Suvi Gezari (UMD)

Colleen Wilson-Hodge (NASA/MSFC)

Eleonora Troja (GSFC/UMD)

Sylvain Guiriec (George Washington University / NASA GSFC)

Michael Briggs (Univ of Alabama in Huntsville)

Jordan Camp (GSFC)

Patrick Brady (UWM)

Tonia Venters (GSFC)

Marco Ajello (Clemson U.)
Marcos Santander (Univ of Alabama)
K. E. Saavik Ford (CUNY BMCC/AMNH)

Notes:

John C. describe the PAGs and the SAGs, interaction with NASA Astrophysics

John T.: Decadal papers due late 2018/early 2019. How does this square with the MMA SAG goal of mid-2019. John C. If we can accelerate and meet the decadal survey deadline, great, if not, I do not want to end this activity prematurely.

I have the same opinion with Mr. John.

And certainly the Decadal survey could include more clarifications and options for the future of new scientific instruments, where issues of redundancy or substitution of scientific operations could be highly coupled to some extent.

John T. : PhysPAGs

Suvi: COPAG. Optical UV astronomer. Interested in centers of galaxies, and time-domain activities.

Space-based gravity wave observations.

Mapping redshifted 21 centimeter radiation for a more precise matter power spectrum studies in the post recombination era:

“how the universe was reionized, as neutral hydrogen which has been ionized by radiation from stars or quasars will appear as holes in the 21 cm background.” This also helps the Quasar timing studies.

Source Groups:

[Please add your name to any sources you're interesting in contributing to!]

Compact binaries

Supernovae

- Geoff Clayton
- Gabriela Gonzalez

Supernova Remnants

- Toni Venters
- Michelle Hui
- Margarita Karovska
-

Neutron Star - Neutron Star inspirals

- Sylvain Guiriec
- Nathan Whitehorn
- Azadeh Keivani
- Eric Burns
- Michael Moss
- Peter Shawhan
- Eleonora Troja
- Colleen Wilson-Hodge
- Marcos Santander
- Fabian Schüssler
- Gabriela Gonzalez
- Michelle Hui
- Alexander van der Horst
- Adam Goldstein
- Rachel Hamburg

Stellar mass Black Hole - Black Hole inspirals

- Eric Burns
- Sylvain Guiriec
- Michael Moss
- Jillian Bellovary
- Emanuele Berti
- Peter Shawhan
- Eleonora Troja
- Colleen Wilson-Hodge
- Gabriela Gonzalez
- Adam Goldstein
- Rachel Hamburg

- K. E. Saavik Ford

White Dwarf - White Dwarf inspirals (possible origin of type Ia SNe)

Geoff Clayton

Margarita Karovska

K. E. Saavik Ford

Supermassive black hole binaries

- Sarah Burke-Spolaor
- Suvi Gezari
- Jillian Bellovary
- Nathan Whitehorn
- Erin Kara
- Azadeh Keivani
- Emanuele Berti
- Filippo D'Ammando
- Toni Venters
- Eleonora Troja
- Marcos Santander
- Bindu Rani
- Chiara Mingarelli
- Marco Ajello
- K. E. Saavik Ford

Extreme Mass Ratio Inspirals

- Erin Kara
- Suvi Gezari
- K. E. Saavik Ford

AGN

- Sarah Burke-Spolaor
- Azadeh Keivani
- Suvi Gezari
- Nathan Whitehorn
- Erin Kara
- Filippo D'Ammando
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- Bindu Rani

- Chiara Mingarelli
- Marco Ajello
- Fabian Schüssler
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Neutron Star - Black Hole inspirals

- Nathan Whitehorn
- Eric Burns
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- Adam Goldstein
- Rachel Hamburg

Gamma Ray Bursts (NS-NS and NS-BH mergers and hypermassive star collapse)

- Sylvain Guiriec
- Michael Moss
- Nathan Whitehorn
- Eric Burns
- Azadeh Keivani
- Toni Venters
- Peter Shawhan
- Brian Humensky
- Eleonora Troja
- Colleen Wilson-Hodge
- Marcos Santander
- Fabian Schüssler
- Michelle Hui
- Alexander van der Horst
- Adam Goldstein
- Rachel Hamburg

Fast Radio Bursts

- Sarah Burke-Spolaor
- Nathan Whitehorn
- Eleonora Troja
- Bindu Rani
- Fabian Schüssler
- Rachel Hamburg

CoChairs will organize this list into groups by ~Wed. Start setting up individual meetings by Fri 15 June.

Miscellaneous Action Items:

- Create MMASAG Slack team: **Join here!** (*Be sure to use enough of your name that you are distinguishable from others with similar names!*)
https://join.slack.com/t/mmaseag/shared_invite/enQtMzc3Njc1NDc1MDQwLTc4ZTFkM2NlYjdiZDRiYTZhYmIzNGEwYWE4NTY0NzNhMDk1MjhkNjFjYzZiMTRmZjFhNDZhZDFkMzY5ZGZmNWQ
- Add slack channels based on the groups list, after Wed/Fri 15 Jun.