Sociedade Astronômica Brasileira

Comunicações da SAB

11 de junho de 2021 - Nº 906

Editado por Maria Jaqueline Vasconcelos

Eventos

VIRTUAL GEMINI SCIENCE MEETING

(Comunicado por A. Ardila em 11/06/2021)

First Announcement

Gemini Observatory is excited to host its first-ever virtual science meeting!We envision this meeting as a combination of invited talks, observatory updates, hands-on training sessions, and generous time for questions and discussion. There will be a special focus on upcoming instrumentation. This meeting is meant to bridge the gap between the last Gemini science meeting in 2018 and the next in-person meeting, currently planned for 2022. Due to the limited time, contributed talks will not be solicited.

For more information, please see the meeting website at:
https://noirlab.edu/science/resources/meetings/gsm2021

Registration:Registration is open now at:
https://noirlab.edu/science/resources/meetings/2021-gsm/registration

There is no registration fee to attend this meeting. However, participants will need to register to receive connection and other logistical information.

Important Dates:

Registration Opens: May 27, 2021
Registration Closes: August 15, 2021
Meeting Dates: August 23-26, 2021

Invited Speakers:

Kevin Luhman (Penn State University)
Eric Nielsen (New Mexico State University)
Meg Schwamb (Queen's University Belfast)
Nora Troja (University of Maryland, College Park)
Kristi Webb (University of Waterloo)
Jong-Hak Woo (Seoul National University)

Scientific Organizing Committee:
Janice Lee (Co-Chair)
Siyi Xu (Co-Chair)
Morten Andersen
Jennifer Andrews
Rodrigo Carrasco
Manuel Gomez
Scot Kleinman
Atsuko Nitta
Karleyne Silva
Hyewon Suh

Local Organizing Committee:

Joanna Thomas-Osip (Chair)
Jerry Brower
Jameeka Marshall
Jen Miller
Courtney Raich

Questions and feedback are welcome at gemini21vsm@noirlab.edu

Seminários Virtuais

1. Programação Webinar LIneA para o mês de junho

(Comunicado por Laboratório Interinstitucional de e-Astronomia em 07 /06/2021)

Título: Astro Data Lab: An open-access and open-data science platform
Palestrante: Robert Nikutta (NOIRLab)
Data: 10/06
Hora: 14h (BRT)
Link: [https://youtu.be/g7fzrjrr0AE | https://youtu.be/g7fzrjrr0AE]

Título: The role of the co-rotation resonance in the Galactic disk and its influence on the Sun and stars of the Solar neighborhood
Palestrante: Jacques Lépine (Universidade de São Paulo)
Data: 17/06 (quinta -feira)
Hora: 11h (BRT)
Link: [https://youtu.be/clCQl283D3I | https://youtu.be/clCQl283D3I]

Título: Machine learning in astronomy: past, present, and future
Palestrante: Dalya Baron (Tel Aviv University)
Data:24/06
Hora: 09:00 (BRT)
Link: [https://youtu.be/9VcFpRPzprs | https://youtu.be/9VcFpRPzprs]

Os webinars são, geralmente, apresentados em inglês.
Para mais informações, acesse: [https://www.linea.gov.br/seminarios/ |
https://www.linea.gov.br/seminarios/]

Equipe LIneA.

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2. Ciclo de Seminários da Coordenação de Astronomia e Astrofísica - Observatório Nacional

(Comunicado por Simone Daflon em 09/06/2021)

17 de junho de 2021, 10AM BRT

Título: J-PAS for superclusters

Anti Tamm

University of Tartu, Tartu Observatory, Estonia

While galaxy clusters are relatively well-defined, gravitationally bound systems, also larger density enhancements exist in the universe. Galaxy superclusters, consisting of several rich clusters and filaments connected to them pose a largely unexploited field in cosmology. The probability to find very massive superclusters arising from tiny density perturbations in the primordial Gaussian random density field is very small. Therefore, the presence of massive superclusters (e.g. Sloan Great Wall, the BOSS Great Wall and the Saraswati supercluster) may cause a tension with the Gaussian initial conditions. However, current observational data do not cover a large enough volume for statistically meaningful studies of superclusters. The many millions of galaxy redshifts soon delivered by the J-PAS survey will enable, for the first time, to assess superclusters over statistically significant volumes as well as over cosmological timescales.

Transmissão ao vivo pelo Canal do ON no YouTube

https://www.youtube.com/user/observatorionacional
<http://mbox12.sab-astro.org.br/link/ReKzpFLkH2dOdOp13LEnLQR0Gw5U_GbLvypE70Mae8EH5yF8conpi1hHXUXJF1zAM1h5L0BEB54bAllQqFYI0Ug71ohkIu5m-mqtSP5ftRVLIGPcNrmnklpDXIHeuEAVIvtj3-cDgxUkO_FcXvOPmg>

Contato: seminarioscoast@on.br

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3. Colóquio do NAT

(Comunicado por Tatiana Laganá em 09/06/2021)

No dia *14/06*, às 14hs, teremos o colóquio da Dr. Chiaki Kobayashi (University of Herfordshire):

"Galactic Archaeology and the Origin of the Elements"

Stars are fossils that retain the history of their host galaxies. At the end of their lives, some explode as supernovae, producing heavy elements that are distributed into the surrounding interstellar gas. New stars that are created from this gas contain the elements that were produced from the previous generations of stars. From the spatial distribution of elements, it is therefore possible to constrain star formation and chemical enrichment histories of the host galaxies. This approach, Galactic Archaeology, has been widely used for our Milky Way Galaxy. It can also be applied to external galaxies thanks to recent and future observations with integral field units. My team has been running hydrodynamical simulations from cosmological initial conditions including detailed chemical enrichment. First of all, I will summarize the origin of elements and how well theoretical models can explain the observational data in the Milky Way. Using the chemodynamical simulation, I will also discuss the physical process that shaped the structure of the Milky Way: bulge, thik disk, thick

disk, and halo. Finally, using cosmological simulations, I will show the predictions of cosmic chemical enrichment that can be tested with future observations such as from the James Webb Space Telescope.

Para acessar, basta entrar no link:

Join Zoom Meeting
https://us02web.zoom.us/j/82450215718?pwd=R21UTU9wb3pmS2xNZlB4bFpwNkZlQT09

Meeting ID: 824 5021 5718
Passcode: 866492

Compareçam!

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4. Seminário do Valongo: Jean-Claude Bouret

(Comunicado por Thiago S. Gonçalves em 11/06/2021)

Anunciamos o Seminário semanal do Valongo, que acontecerá no dia 15/06, às 14h. A palestra será transmitida ao vivo pelo canal do Observatório do Valongo no Youtube, através do seguinte link: https://www.youtube.com/watch?v=_mNS1mS3760 <https://www.youtube.com/watch?v=_mNS1mS3760>

ULLYSES, the Hubble UV Legacy Library of Young Stars

Dr. Jean-Claude Bouret, Laboratoire d'Astrophysique de Marseille

At ages < 10 Myr, both high-mass and low-mass stars generate complex UV emission processes that are difficult to model, and these are central to a wide range of vital astrophysical problems, ranging from cosmic reionization to the origin of planets. The Hubble Space Telescope's (HST) Ultraviolet Legacy Library of Young Stars as Essential Standards (ULLYSES) will devote approximately 1,000 HST orbits to the production of an UV spectroscopic library of young stars in the local universe. The design and targets of these observations were determined in partnership with the astronomical community, allowing researchers from around the world to help develop the final program and to plan coordinated observations with other space- and ground-based telescopes. In this talk, I will focus on the massive stars component of ULLYSES and illustrate how this program and its ground-based counterparts on Xshooter@VLT will provide ground-braking results to our understanding of massive stars properties and evolution.

About the speaker

Jean-Claude Bouret received his PhD in 1999 from Grenoble University (France). He then joined the Goddard Space Flight Center (USA) for three years as a National Research Council fellow, working on HST UV data of massive stars in the SMC. In 2004, he was awarded a full research staff position at CNRS in Laboratoire d'Astrophysique de Marseille. His main research focus on the study of massive stars either in our Galaxy or at lower metallicities. He's an expert in the modeling of their atmosphere and wind properties. His work includes studies of the early phases of massive stars formation, the late stages of their evolution, or the research and characterization of their magnetic fields. He's the co-PI of POLLUX, a European proposition of a high-resolution UV spectropolarimeter for LUVOIR.

Oportunidades

Processo seletivo para o Mestrado e Doutorado em Física e Astronomia da UNIVAP

(Comunicado por Irapuan Rodrigues em 10/06/2021)

Solicito a divulgação do processo seletivo para o Mestrado e Doutorado em Física e Astronomia da UNIVAP que está com as inscrições abertas até 25/07/2021. Para mais informações, consulte o site do PPGFA:

https://www.univap.br/universidade/instituto-de-pesquisa/cursos/doutorado.html

Acesse o Edital em:

https://www.univap.br/universidade/instituto-de-pesquisa/doutorado-em-fisica-e-astronomia/inscricoes-e-selecoes/inscricoes-alunos-novos.html

Ouvidoria da SAB

Este é um canal de comunicação entre a Diretoria da Sociedade Astronômica Brasileira e seus associados/a. A finalidade principal desta Ouvidoria é receber manifestações dos associados como sugestões, reclamações e denúncias.

Você pode se manifestar entrando em contato com nossa Ouvidoria atraves do e-mail:
ouvidoriasab@sab-astro.org.br

A Ouvidoria é composta por:

1 - Daniela Mourão (UNESP)

2 - Denise Gonçalves (OV/UFRJ)

3 - Fernando Roig (ON)

4 - Walter Maciel (IAG/USP) - Coordenador

Pagamento das anuidades da SAB

A SAB é uma sociedade científica sem fins lucrativos cuja finalidade é congregar os astrônomos do Brasil. Sua única fonte de renda são as anuidades pagas pelos seus sócios. Vimos notando, nos últimos anos, uma diminuição preocupante do número de sócios quites com as anuidades. Solicitamos, por favor, que verifiquem na página da SAB (http://sab-astro.org.br) sua situação ou contactem a sra. Rosana, secretária da SAB, por meio do e-mail secsab@sab-astro.org.br.

Formato para publicar no Comunicações da SAB

As Comunicações da SAB são boletins que são enviados para todos os sócios ativos todas as sextas-feiras às 17:00 h. O formato das notícias a serem publicadas deve ser o que segue. Informamos que não serão editadas ou compostas mensagens com base em links ou textos, não serão editadas tabelas ou imagens. Deve ser informada a sessão de publicação (Informes, Oportunidades, Eventos). Arquivos ou imagens associadas devem ser enviadas preferencialmente como links, ou arquivos anexados em pdf.

Título: XXXXXX
(Comunicado por XXXX em xx/xx/xx)

Texto do que se deseja divulgar: XXXXX

As contribuições devem ser enviadas para o e-mail:comunicacoessab@sab-astro.org.br

E-mails de Contato

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