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Comunicações da SAB

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Editado por Daniela Borges Pavani

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INFORMES

1. Prorrogado prazo para envio de artigo ao Proceedings da XLI Reunião Anual da SAB

(Comunicado pela Comissão Editorial)

Devido as várias solicitações para prorrogação de prazo, por parte dos participantes, serão recebidos artigos até 22/12.

As instruções para produzir o manuscrito latex correspondente ao seu trabalho apresentado na XLI Reunião Anual encontram-se em

<https://www.sab-astro.org.br/eventos/reuniao-anual-da-sab/eventos-antiores/xli-sao-paulo/proceedings/>

Prazo final de envio: 22 de dezembro de 2017

Artigos devem ser enviados para: editorialsbs@sab-astro.org.br

Limitação de páginas:

- **Comunicação oral: até 5 páginas**
- **Pôster premiado: até 4 páginas**
- **Pôster: 2 páginas**

Dúvidas quanto ao uso do macro latex devem ser enviadas para [Helio J. Rocha Pinto](#).

2 LNA em Dia

(Comunicado por Assessoria de Comunicação - LNA)

A 47ª edição do LNA em Dia, a revista eletrônica do LNA, foi publicada. O informativo divulga as novidades para os usuários do Laboratório Nacional de Astrofísica e dos observatórios gerenciados (OPD, SOAR, Gemini e CFHT).

Leia pelo ISSUU. Acesse: https://issuu.com/lnaemdia/docs/lnaemdia_47

Nesta edição

LNA

1. Institutos de pesquisa apresentam manifesto na Câmara dos Deputados
2. Sábados Crescentes
3. Semana Nacional de Ciência e Tecnologia 2017
4. Nova composição das Comissões de Programas do LNA

SOAR

1. Balanço de operações do Telescópio SOAR – Semestre 2017A
2. SOAR – Semestre 2018A: Estatísticas de submissão de propostas
3. Adiada a aluminização dos espelhos do SOAR para 2018
4. Nova astrônoma residente brasileira no SOAR
5. Astrônomos detectam pela primeira vez o brilho de uma fonte de ondas gravitacionais

Gemini

1. Conferência "Science and Evolution" do Observatório Gemini

OPD

1. Astrônomos constataam morte precoce de objeto celeste na Via Láctea
 2. Telescópio Solar será montado no OPD
-

OPORTUNIDADES

1. Duas posições para a Central Florida University (Orlando, EUA)

(Comunicado por Alvaro Alvarez-Candal em 04/12/2017)

Hay dos posiciones abiertas en la Universidad de Central Florida, Orlando para profesores en estos campos:

Assistant Professor: Exoplanetary Atmospheric Theorist

<https://www.jobswithucf.com/postings/51177>

Assistant or Associate Professor: Planetary instrumentation

<https://www.jobswithucf.com/postings/51176>

Esta universidad tiene un fuerte grupo de Física y como parte de él un grupo de Ciencias Planetarias también muy fuerte, con presencia en diferentes misiones NASA, JAXA etc. tanto actuales como en proyecto. El grupo incluye también un grupo de investigadores en el Florida Space

Institute, también en el mismo campus, en el que yo me encuentro.

Si estais interesados podeis contactar con el punto de contacto de cada puesto, incluido en los anuncios abajo. Si ya tenéis plaza, animad a vuestros colegas, postdoc, etc. y reenviad este correo a las listas que conozcáis. Se considerará diferente nivel de contratación dependiendo de la experiencia del seleccionado.

2. Call for applications for postdoctoral fellowships PSL in astrophysics at Paris Observatory

(Comunicado por Eduardo Janot Pacheco em 05/12/2017)

Informações [aqui](#).

3. A postdoctoral position in Berlin, Technische Universität:

(Comunicado por Eduardo Janot Pacheco em 05/12/2017)

In the following link you can find a transit-related job announcement for a postdoctoral position in Berlin, Technische Universität:

<https://stellenticket.de/42613/TUB/?lang=en>

The deadline for applications is 15th December, 2017.

The duties of the successful candidate are: 1) to reduce data, perform photometry and decorrelation on K2, and future TESS, CHEOPS data; 2) stellar variability r candidate detection, 4) participating in joint radial velocity and light curve fits, 5) characterization of the planetary systems in terms of mass, radius and density.

This position is part of a DFG priority program entitled "The Diversity of Exoplanets."

If you know any suitable candidate please forward the announcement to her/him.

Best regards,

Szilárd Cszizmadia, Heike Rauer

4. Postdoctoral position in numerical simulations at Helsinki Institute of Physics

(Comunicado por Alberto Krone-Martins em 08/12/17)

Applications are invited for a postdoctoral position in numerical simulations related to the physics of the early universe, to be hosted by the Helsinki Institute of Physics (HIP) at the University of Helsinki. The appointment would be for two years, with substantial travel funding provided.

The post will be funded by David Weir's University Three-year Research Project, "Gravitational wave cosmology for LISA". The project is concerned with improving the predictions for first-order phase transitions that may be detected by the LISA mission, both through real-time simulations of the phase transition itself and through improved nonperturbative lattice studies of the underlying BSM theories.

The ideal candidate will have strong numerical skills and a collaborative approach to research, willing to take responsibility for group activities.

You will be joining HIP, a physics research institute that combines particle physics and cosmology, co-located with the Department of Physics at the University of Helsinki for more information please visit: <http://www.hip.fi>

Candidates from under-represented backgrounds are strongly encouraged to apply.

Please submit a short research statement, CV and list of publications through AcademicJobsOnline: <https://academicjobsonline.org/ajo/jobs/10566>

Please also arrange for at least two letters of recommendation to be provided. Complete applications received on or before 1.1.2018 will receive full consideration.

5. Gaia First Look vacancy in Heidelberg

(Comunicado por Alberto Krone-Martins em 08/12/17)

The Astronomisches Rechen-Institut at Heidelberg University is opening a 3-years position for a software developer to work in the Gaia First Look group.

The Gaia First Look is the task to check on a daily basis, whether Gaia reaches the targeted level of precision and whether any problems have occurred on board Gaia. T participate in the advancements and maintenance of the Gaia First Look software and assist the First Look Scientists in investigating and interpreting potential problems subtle effects which could affect all data and potentially result in a loss or damage of many months of data if not detected in a timely manner.

Applicants must possess a college graduation in software development or a Ph.D in astronomy or physics.

The position is available for three years and from the start of 2018 on.

Candidates are invited to submit their CV, motivation letter, previous work and possibly recommendation letters to biermann@ari.uni-heidelberg.de, if possible before end January.

6. Centres of scientific excellence in Poland funded by MPG and NCN: Dioscuri call opened

(Comunicado por Alberto Krone-Martins em 08/12/17)

On behalf of the National Science Centre in Poland we are pleased to announce the recent possibility of funding your excellent research in Poland within a Dioscuri sch

Dioscuri is a programme initiated by the German Max Planck Society (MPG), jointly managed with the National Science Centre in Poland (NCN), and mutually funded by Science and Higher Education (MNiSW) and the German Federal Ministry of Education and Research (BMBF).

The Dioscuri scheme [1] is designed to establish Centres of Scientific Excellence at Polish Host Institutions. ADDRESSEES OF THE CALL are researchers with a PhD de period not exceeding fifteen years prior to the submission of their application to Dioscuri. Funding will be provided by the NCN from the resources contributed by MNiSW ; Institution will receive up to € 300,000 annually to be spent exclusively on the Dioscuri Centre's operations. To learn more about the call see the enclosed flyer or visit ww or www.mpg.de/dioscuri [3].

DID YOU KNOW THAT YOU CAN APPLY FOR NCN FUNDS EVEN IF YOU DO NOT HAVE POLISH CITIZENSHIP? The only condition is that projects we fund must be at Polish host institutions. So, if you have ever thought of coming and conducting your basic research in Poland, we have a variety of opportunities for you. For all NCN fi website [4].

Links:

[1] <https://ncn.gov.pl/dioscuri>

[2] <http://www.ncn.gov.pl/dioscuri>

[3] <http://www.mpg.de/dioscuri>

[4] <http://www.ncn.gov.pl/finansowanie-nauki/konkursy/typy?language=en>

7. IAU Symposium 345 on "Origins: From the Protosun to the FirstSteps of Life"

(Comunicado por Antônio Mário Magalhães em 08/12/2017)

Registration is open for IAU Symposium 345, "Origins: From the Protosun to the First Steps of Life", co-organized by Divisions F and H.

The symposium will be held during the first week of the IAU General Assembly in Vienna, August 20-23, 2018.

Topics include:

- star formation in the solar neighborhood
- star formation in cloud cores
- early environment of the pre-solar nebula
- formation and evolution of protoplanetary disks
- physical and chemical properties of protoplanetary disks
- formation of Earth and Earth-like planets
- early planetary atmospheres and surfaces
- early conditions on the Earth
- Earth-like planets
- Early life on earth

More details and a list of invited speakers can be found on the symposium website

<http://niniil.elte.hu/IAUS345/>

Registration for the General Assembly and IAUS345 is here:

<http://astronomy2018.univie.ac.at/registration/>

The deadline for early-bird registration at a reduced rate is January 31st, 2018. Abstracts and applications for travel grants are due February 28th. Regular registration er (Travel grantees who register after the early-bird date will get the early-bird rate.)

A poster for your department bulletin board is attached.

We hope to see you there!

The organizing committee,

Bruce Elmegreen,
Viktor Toth,
Manuel Guedel,
Nader Haghighipour

8. Professor in Gravitational Wave Astronomy National Astronomical Observatory of Japan

(Comunicado por Alberto Krone-Martins em 09/12/17)

The Gravitational-Wave Project Office at the National Astronomical Observatory of Japan (NAOJ) invites applications for a Professor in gravitational-wave astronomy to lead the project office and contribute to the realization of the KAGRA project.

NAOJ has been a host institute of the TAMA300 detector, and is one of the main co-host institutes of KAGRA a large-scale cryogenic gravitational-wave detector currently under construction. The Gravitational-Wave Project Office, which is located at the Mitaka campus in the western region of Tokyo, is in charge of several subsystems for KAGRA and is also developing technologies for future ground-based and space gravitational-wave observatories.

The position is available immediately and will be filled as soon as possible. If you have any query, please contact

Prof. Raffaele Flaminio

E-mail: raffaele.flaminio_AT_nao.ac.jp (replace _AT_ with @)

Phone: +81-422-34-3622, Fax: +81-422-34-3793

Description of position terms and procedure to apply

1. Position: Professor.
2. Department: Gravitational-Wave Project Office, NAOJ.
3. Field: Gravitational wave astronomy.
4. Work description: To lead the gravitational wave project office of NAOJ. To play a leading role in any experimental working groups during the construction, commissioning and upgrade phases of the KAGRA project. Also expected to contribute to the opening of a new field of astronomy by detecting gravitational waves from the extraterrestrial universe.
5. Starting date: as soon as possible.
6. Qualifications: The applicant must have a PhD degree in physics, astronomy or related fields. Past experience in the management of research groups and/or large projects in gravitational wave detection is required. Fluency in English is necessary.
7. The application documents (PDF file(s) in English) must include

(1) Cover letter

(2) Curriculum Vitae

(3) Summary of past research activities

(4) List of publications (separate refereed and non-refereed papers and the role of the applicant for each)

(5) PDF copy of three major publications

(6) Outline of research plans for this position

(7) Names and e-mail addresses of two or more reference persons

(8) Two or more reference letters (please ask the reference persons to send the letter attached to an e-mail to the submission address shown in 9. (1) to arrive before the deadline)

8. The application documents must be received by January 9th, 2018 at 17:00 JST.

9. Application submission and inquiries: (1) Send your application documents by e-mail to: E-mail: apply-gwpo-prof20180109_AT_nao.ac.jp (replace _AT_ with @). Subject of e-mail: "Application for Professor of Gravitational-Wave Project Office".

(2) Any inquiries shall be addressed to Prof. Raffaele Flaminio by email only. e-mail address raffaele.flaminio_AT_nao.ac.jp (replace _AT_ with @). Indicate as subject "Application for Professor".

10. (1) Make PDF files with appropriate resolution so that they won't be too large (file size: up to 10MB).

(2) When the application documents are received, a confirmation mail will be sent to the applicant. If you do not receive the confirmation within three working days, please notify the e-mail address apply-gwpo-prof20180109_AT_nao.ac.jp (replace _AT_ with @). Note that NAOJ will be in winter break from Dec. 29, 2017 to Jan. 3, 2018.

11. (1) The professor will receive a salary commensurate with qualifications.

(2) The travel costs of the selected candidate from his/her home to NAOJ when first taking up the position will be covered, subject to the travel regulations of NINS (the details have to be arranged with the administration office).

(3) Policy for Equal Employment Opportunity: Abiding by the Equal Employment Opportunity Act for Men and Women, NAOJ is committed to the realization of a society with gender equality. If two candidates are deemed equal in their performance evaluation, NAOJ will take positive action to employ women. For details, see <http://open-info.nao.ac.jp/danjokuyodo/>

9. ESO Workshop "A revolution in stellar physics with Gaia and large surveys"

(Comunicado por Rodolfo Smiljanic em 10/12/2017)

First Announcement: ESO Workshop "A revolution in stellar physics with Gaia and large surveys"

*<https://indico.camk.edu.pl/e/revolution>

September 3-7, 2018

Warsaw, Poland

contact: revolution@camk.edu.pl

The workshop will focus on discussions about the advances in our understanding of stellar physical processes made possible by combining the exquisite astrometry and photometry of Gaia with data of other large photometric, spectroscopic, and asteroseismic stellar surveys. These combined data will permit detailed studies of stellar physics to a level that is unprecedented in the history of stellar astrophysics.

The second release (DR2) of Gaia data is planned for April 2018. With the DR2 data available, the workshop will be a perfect moment to showcase Gaia's synergy with other surveys, discuss early science achievements and future developments.

Topics to be addressed in the workshop include:

- * Accuracy of stellar models
- * Binaries and multiple stars
- * Gaia and stellar physics
- * Low- and high-mass stars
- * Mixing processes
- * Observational tests of stellar evolution
- * Ongoing and future stellar surveys
- * Stars in all evolutionary stages (pre-main sequence to white dwarf regime)
- * Stellar ages
- * Stellar clusters
- * Stellar variability

Registration and abstract submission will open on January 3, 2018 with deadline April 15, 2018. More information on our website.

Confirmed Invited Speakers:

- * Babusiaux, Carine (Université Grenoble Alpes, France);
- * Bergemann, Maria (Max-Planck Institute for Astronomy, Germany);
- * Charbonnel, Corinne (Geneva Observatory, Switzerland);
- * Eyer, Laurent (University of Geneva, Switzerland);
- * Feiden, Gregory (University of North Georgia, USA);
- * Gänsicke, Boris (University of Warwick, UK);
- * Girardi, Leo (Padova Observatory, Italy);
- * Hillenbrand, Lynne (Caltech, USA);
- * Huber, Daniel (University of Hawaii, USA);
- * Karakas, Amanda (Monash University, Australia);
- * Korn, Andreas (Uppsala University, Sweden);
- * Soszynski, Igor (University of Warsaw, Poland);
- * Toonen, Silvia (University of Amsterdam, Netherlands).

SOC: Ekstrom, Sylvia (Geneva Observatory, Switzerland); Handler, Gerald (CAMK, Poland); Hussain, Gaitée (ESO Garching); Degl'Innocenti, Scilla (University of Pisa, Italy); Jeffries, Rob (Keele University, UK); Lennon, Danny (ESA); Miglio, Andrea (University of Birmingham, UK); Pasquini, Luca (ESO Garching); Randich, Sofia (INAF/Arcetri, Italy); Smiljanic, Rodolfo (CAMK, Poland); Udalski, Andrzej (University of Warsaw, Poland).

10. Ph.D position in theoretical exoplanet science at University of Bern, Switzerland

(Comunicado por Leonardo dos Santos em 12/12/2017)

Prof. Kevin Heng (exoplanetary atmospheres) and Prof. Christoph Mordasini (exoplanet formation and evolution) are seeking qualified candidates to fill a 4-year Ph.D position in their groups. The position is funded through the PlanetS National Center of Competence in Research; both Heng and Mordasini are PlanetS project leaders. See more information about requirements and benefits in the following link:

<https://jobregister.aas.org/ad/e32bfa2d>

To application process involves sending a personal statement indicating why you are interested in pursuing a Ph.D in astrophysics specializing in exoplanet science (maximum of 2 pages), a CV (1 page), a list of publications (if applicable), transcripts of your grades of courses obtained during your bachelor's and master's degrees, and a cover letter (1 page) listing the names of 1 to 3 referees/references.

INFORMAÇÕES ÚTEIS

E-mails de contato com a SAB**Membros da Diretoria**

Presidência - Reinaldo de Carvalho: presidenciasab@sab-astro.org.br

Secretário Geral - Helio Jaques Rocha Pinto: secretgersab@sab-astro.org.br

Secretária da SAB - Daniela Borges Pavani: secretsab@sab-astro.org.br

Tesouraria - Lucimara Martins: tesourariasab@sab-astro.org.br

Gerais

Diretoria: diretoriasab@sab-astro.org.br

Secretaria da diretoria: secsab@sab-astro.org.br

Suporte ao Portal: suporte@sab-astro.org.br

Formato para envio de notícias para o Comunica

O formato das notícias a serem enviados deve ser o que segue, r mensagens com base em links ou textos. Deve ser informada a Oportunidades, Eventos). Arquivos ou imagens associadas devem como links, ou arquivos anexados

Título

(Comunicado por XXXX em xx/xx/xx)

Texto do que se deseja divulgar

As contribuições devem ser enviadas para o e-mail: comunicac

Nós respeitamos a sua privacidade e somos contra o spam.
Se você não deseja mais receber nossos e-mails, cancele seu recebimento [acesando aqui](#).