

Lettre Mode, Septembre 2019

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Inscription et désinscription

Ecrire à lettre-mode-smai-request@math.fr, en mettant suivant le cas subscribe ou unsubscribe dans l'objet.

Contributions

Envoyez vos contributions en format simple texte en remplissant le formulaire à l'adresse suivante :
<http://www.lettremode.ovh>,

ou par mail à l'adresse suivante :
contact@lettremode.ovh. Prière d'indiquer "pour la lettre MODE" dans l'objet du mail.

Site officiel et twitter SMAI-MODE

<http://smi.emath.fr/spip.php?article330>
https://twitter.com/smai_mode

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- 1) Full Professorship (W3 with endowment) in Scientific Computing

De : Michel Thera
Lien : <https://www.mathinf.uni-heidelberg.de/stellen.html>

The Interdisciplinary Center for Scientific Computing (IWR) of Heidelberg University invites applications for at

Full Professorship (W3 with endowment) in Scientific Computing

at the Faculty of Mathematics and Computer Science, to start at the earliest possible date. The successful candidate will have a research

record of international standing in model-based optimization with strong connections to applications. Their field of expertise will complement our existing strengths and offer opportunities for collaboration. We seek to fill the position with an outstanding scientist. Exceptionally qualified candidates at an earlier career stage will be also considered.

The application deadline is September 29, 2019

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2) Postes à la "Basque Foundation for Science"

De : Didier Aussel
Lien : calls.ikerbasque.net

Ikerbasque, the Basque Foundation for Science, would like to inform you that we have launched a new international call to reinforce research and scientific career in the Basque Country (Europe). We offer:

10 permanent positions for experienced researchers: Group Leaders
Permanent positions within any of the Basque Research
Institutions
Researchers with a solid research track and leadership
capabilities
The applicants must have their PhD completed before January
2011
Support letter from the host Institution is mandatory
Deadline: September 17th at 13:00 CET

For further information, please visit calls.ikerbasque.net
We would appreciate your help in disseminating this information, in case you know about any colleague that could be interested and meets the requirements of the call.

IKERBASQUE
Basque Foundation for Science

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3) IUTAM Symposium on Optimal Guidance and Control for Autonomous Systems (ISOGCAS 2020)

De : Frédéric Bonnans
Lien : <https://manoa.hawaii.edu/ISOGCAS2020/>

We are pleased to announce the IUTAM Symposium on Optimal Guidance and Control for Autonomous Systems (ISOGCAS 2020) (see the flyer under "Introduction") and launching its website:

<https://manoa.hawaii.edu/ISOGCAS2020/>

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4) 5th Conference on Numerical Analysis and Optimization (NAOV-2020)

De : Didier AUSSEL

The Announcement:

You are cordially invited to participate at the 5th Conference on Numerical Analysis and Optimization (NAOV-2020). It is a Triennial Conference started in 2008 and will be held at Sultan Qaboos University, Muscat, Oman, from 6-9 January 2020.

REGISTRATION and ABSTRACT SUBMISSION:

Registration is required for all those wishing to attend the conference (available places, particularly for those outside Oman, are limited). If a participant wishes to contribute a talk for 20 minutes, an abstract should be submitted either online via the website <http://conferences.squ.edu.om/NAOV-2020/home> or by email to either naov2020@squ.edu.om or naov2020@gmail.com.

Abstract Submission Deadline: 10 November 2019.

Registration Deadline: 10 December 2019.

INVITED SPEAKERS:

Adil Bagirov (University of Ballarat, Australia), Oleg Burdakov (Linköping University, Sweden), Yu-Hong Dai (Chinese Academy of Science, China), Iain Duff (Rutherford Appleton Laboratory, UK), Francisco Facchinei (Sapienza University, Italy), Giovanni Fasano (University of Venice Ca Foscari, Italy), David M. Gay (AMPL Optimization Inc., USA), Francesca Guerriero (University of Calabria, Italy), Desmond J. Higham (University of Strathclyde, UK), Michael Hintermüller (Humboldt-Universität zu Berlin, Germany), Sven Leyffer (Argonne National Laboratory, USA), Nezam Mahdavi-Amiri (Sharif University of Technology, Iran), Dominique Orban (Ecole

Polytechnique de Montreal, Canada), Michael Overton (New York University, USA), Amiya Kumar Pani (Institute of Technology Bombay, India), Janos D. Pinter (Lehigh University, USA), Cornelis Roos (Delft University of Technology, The Netherlands), Ekkehard W. Sachs (University of Trier, Germany), Jesus María Sanz-Serna (Universidad Carlos III de Madrid, Spain), Michael Saunders (Stanford University, USA), Abulhasan Siddiqi (Sharda University, India), Emilio Spedicato (University of Bergamo, Italy), Trond Steihaug (University of Bergen, Norway), Tamas Terlaky (Lehigh University, USA), Philippe L. Toint (University of Namur, Belgium), Maria Teresa Vespucci (Bergamo University, Italy), Andrew Wathen (Oxford University, UK), YaXiang Yuan (Chinese Academy of Sciences, China).

5) 8th European Congress of Mathematics (8ECM), deadline: September 30, 2019

De : Thierry Horsin
Lien : <https://8ecm.si/about-8ecm/8ecm-scholarships>

We would like to inform you about the open call for scholarships for the participation at the 8th European Congress of Mathematics (8ECM), which will be held in Portorož, Slovenia between July 5th and July 11th, 2020.

The 8ECM Scholarship covers a congress fee waiver and a two-star accommodation in the near vicinity of the 8ECM. We invite all interested students, Postdoc researchers and Senior researchers to apply via the online registration form. Advantage will be given to nationals of developing countries, as defined by the European Mathematical Society, low performing EU Member States and participants from European countries neighbouring the EU.

The deadline for applying and submitting all documents is September 30, 2019.

Instructions and the details regarding the application procedure can be found at the web site: <https://8ecm.si/about-8ecm/8ecm-scholarships>

If you have any question about the 8ECM Scholarship program or the application process, please contact the 8ECM Organising Committee at 8ecm2020@famnit.upr.si.

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6) Annonces de séminaires

Une rubrique pour signaler quelques liens pour les séminaires ayant lieu ce mois-ci et organisés dans nos laboratoires.

N'hésitez pas à l'alimenter, préférentiellement via un lien vers la page du séminaire.

Pour cela, envoyez un mail à l'adresse contact@lettremode.ovh.

- Séminaire Parisien d'Optimisation (IHP)
<https://sites.google.com/site/spoihp/>
- Séminaire du programme PGM0
<https://www.fondation-hadamard.fr/fr/pgmo-seminars/seminars>
- Groupe de Travail CalVa de Calcul de Variations (suivant les séances (lieu : voir site) :
<https://www.ljll.math.upmc.fr/fr/seminaires/article/gdt-calcul-des-variations>
- Groupe de Travail Analyse Non-linéaire et EDP (ENS et UPMC)
http://www.math.ens.fr/~Seminaires/?id_seminaire=14
- Séminaire Pluridisciplinaire d'Optimisation de Toulouse (lieu : voir site)
<http://projects.laas.fr/spot/>
- Séminaire SAMOCOD (séminaire Avignon Montpellier Optimisation Contrôle et Dynamique)
http://www.i3m.univ-montp2.fr/index.php?option=com_content&view=article&id=59&catid=19&sem=618
- Séminaire hebdomadaire de l'équipe MOD de l'Université de Limoges
<https://indico.math.cnrs.fr/categoryDisplay.py?categId=36>
- Séminaire Parisien de Théorie des Jeux (IHP, salle 05, 201 ou 314)
<https://sites.google.com/site/theoriesdesjeux/>
- Séminaire de Mathématiques Discrètes, Optimisation et Décision, Centre d'Economie de la Sorbonne et Université Paris 1
<http://ces.univ-paris1.fr/membre/seminaire/MDOD/>
- Séminaire de géométrie sous-riemannienne - IHP
<http://webusers.imj-prg.fr/~davide.barilari/seminar.php>

• Séminaire de l'équipe Statistique, Probabilités,
Optimisation et Contrôle (SPOC) – IMB
[https://math.u-bourgogne.fr/spip.php?
page=seminairespoc](https://math.u-bourgogne.fr/spip.php?page=seminairespoc)

7) Conference, Workshop on Optimal Control & Mean Field Games
14-18/10/2019, Rio de Janeiro

De : Daniela Tonon
Lien : [https://sites.google.com/view/control-mfg-rio2019/home?
authuser=0](https://sites.google.com/view/control-mfg-rio2019/home?authuser=0)

We are pleased to announce that the
Workshop on Optimal Control & Mean Field Games
will be held from October 14th to October 18th 2019
at Fundação Getulio Vargas (FGV), Rio de Janeiro, Brazil.

The registration is open until October 6th 2019 (or until all the
vacancies
are filled) through this link: Registration
link
The conference fees are R\$100,00 for professors/researchers and
R\$50,00
for students

The Conference will take place in the emblematic building of FGV
created by the architect
Oscar Niemeyer in Praia de Botafogo, on the shore of Guanabara Bay,
at the foot of Sugar Loaf Mountain. The list of speakers and other
details follow at the end of this message.

The website of the conference is
<https://sites.google.com/view/control-mfg-rio2019>.
It will be updated with further information.

The contact email address is
emap.eventos@fgv.br

Maria Soledad Aronna (FGV EMap) and Daniela Tonon (Paris Dauphine)
(Organizing & Scientific committee)

8) Journées annuelles 2019 du GdR MOA et mini-cours

De : Mounir Haddou
Lien : <http://gdrmoa.math.cnrs.fr/activites/journees-annuelles-2019-gdr-moa/>

Les prochaines journées du GDR MOA auront lieu à l'INSA de Rennes du 16 au 18 octobre 2019.

Elle comporteront quatre conférences plénières données par

- * Marianne Akian (Ecole Polytechnique, INRIA)
- * Michel Crouzeix (Université de Rennes 1)
- * Serge Gratton (ENSEEIH, Toulouse)
- * Gabriel Peyré (DMA, ENS Paris)

et des communications sur sélection.

Ces journées seront précédées par un mini-cours du 14 au 16 octobre 2019 portant sur

les systèmes dynamiques non-réguliers et applications, donné par Vincent Acary (INRIA Rhône-Alpes), Samir Adly (XLIM) et Aneel Tanwani (LAAS Toulouse).

Les inscriptions au mini-cours ainsi que l'appel à soumission sont ouverts.

Afin d'encourager la participation des jeunes (doctorants/post-doctorants), nous proposerons, dans la limite de notre budget, des aides financières (sous forme de prise en charge de l'hébergement) aux jeunes proposant un exposé. Merci de faire votre demande auprès de Samir Adly en précisant : statut (doctorant ou post-doc), laboratoire, université ou Institut, le titre de votre exposé, la participation au mini-cours et la structure ou la personne qui prendra en charge les frais de transport.

Pour plus d'informations sur tous les autres aspects, consultez le site

<http://gdrmoa.math.cnrs.fr/activites/journees-annuelles-2019-gdr-moa/>

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9) Seventh Biennial IMA Conference on Numerical Linear Algebra and Optimization

De : Didier Aussel

Seventh Biennial IMA Conference on Numerical Linear Algebra and Optimization
University of Birmingham, UK, 24-26 June 2020

Conference topics include any subject that could be of interest to both communities, such as: Direct and iterative methods for large

sparse linear systems; Eigenvalue computation and optimization;
Large-scale nonlinear and semidefinite programming; Effect of round-
off errors, stopping criteria, embedded iterative procedures;
Optimization issues for matrix polynomials; Fast matrix
computations; Compressed/sparse sensing; PDE-constrained
optimization; Distributed computing and optimization; Applications
and real time optimization

Invited plenary speakers:

Pierre-Antoine Absil (University of Louvain)
Frank E. Curtis (Lehigh University)
Moritz Diehl (University of Freiburg)
Zlatko Drmac (University of Zagreb)
Melina Freitag (University of Bath)
Katya Scheinberg (Lehigh University) (tentative)
David Silvester (University of Manchester)

Organising committee:

Michal Kocvara, University of Birmingham (co-chair)
Daniel Loghin, University of Birmingham (co-chair)
Coralie Cartis, University of Oxford
Nick Gould, Rutherford Appleton Laboratory
Philip Knight, University of Strathclyde
Jeniffer Scott, Rutherford Appleton Laboratory
Valeria Simoncini, University of Bologna

Mini-symposia proposals: 31 January 2020

Notification of acceptance of mini-symposia: 14 February 2020

Abstract submission: 28 February 2020

Notification of acceptance of abstracts: 31 March 2020

For further information or to register your interest, please contact
Maya Evarson, Conference Officer, E-mail: Maya.Evarson@ima.org.uk,
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Mathematics and its Applications, Catherine Richards House, 16
Nelson Street, Southend-on-Sea, Essex, SS1 1EF, UK.

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