Lettre Mode, Octobre 2020

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Inscription et désinscription

        Ecrire à lettre-mode-smai-request@emath.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://smai.emath.fr/spip.php?article330
        https://twitter.com/smai_mode

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1) Hooke Research Fellow, Mathematical Institute at Oxford

De   : Michel Thera
Lien   : https://www.maths.ox.ac.uk/node/37001

Hooke Research Fellow
Vacancy Reference:
147713
Grade:
7
Salary Range:
£32,817 – £40,322 p.a.
Appointment Term:
36 months
Closing Date:
Monday, November 2, 2020 – 12:00
We are looking for a talented postdoctoral researcher to take
up a Hooke Research Fellowship here at the Mathematical
Institute, University of Oxford. This prestigious Fellowship
is full-time, fixed-term up to 36 months, and provides an
ideal opportunity for candidates to pursue an independent
research programme in the mathematics of data science. The
Department is also advertising a similar fellowship scheme for
a Titchmarsh Research Fellow, for candidates who would like to
pursue research in pure mathematics. There will be one
appointment made to each of the Hooke and Titchmarsh
Fellowships in this recruitment. Applications for job shares
or for part-time working to accommodate family circumstances
will be considered.

Candidates for the Hooke Fellowship should have research
interests compatible with those of our current faculty in the
Data Science research group. Further information on the group
and its members can be accessed at https://www.maths.ox.ac.uk/
groups/data-science. You should clearly mention within your
supporting letter one or more research group members you could
envision working alongside as a potential mentor or future
collaborator. The successful applicants will be talented
researchers, who have already produced excellent research
during their PhD and in any postdoctoral positions. They will
be free to conduct their own research programme.

To aid the development of their academic profile, Fellows will
be required to contribute up to 3 hours of departmental
teaching per week for the 24 weeks of each academic year,
averaged over the period of the Fellowship to allow for
extended visits elsewhere.

Candidates will have, or be close to completing, a PhD in
mathematics or a related discipline. They must show evidence

of independence and the ability to undertake research of the highest academic standard; hold an outstanding record of papers published in major international journals (commensurate with career stage), some of which should have a clear data science focus; and have a realisable and relevant research plan, relevant to the existing activities and/or expertise of the Data Science research group, which would enhance the research profile of the Mathematical Institute. Additional information about the post, and a full list of selection criteria, are available in the job description.

To apply, please visit – https://my.corehr.com/pls/uoxrecruit/erq_jobspec_details_form.jobspec?p_id=147713

Please direct informal enquiries to the Recruitment Co-ordinator at the address below, quoting vacancy reference 147713.

Please note that applicants will be selected for interview purely based on their ability to satisfy the selection criteria outlined in the attached job description. You will be required to upload a supporting letter setting out how you meet the selection criteria, a curriculum vitae including full list of publications with top three papers starred, a statement of research interests including a plan for research during the Fellowship, and the names and contact details of two referees as part of your online application. (NOTE: Applicants are responsible for contacting their referees and making sure that their letters are received by the closing date.)

Only applications received before 12.00 noon on Monday 2 November 2020 can be considered. Interviews are due to take place on Monday 30 November 2020.

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2) Tenure-track or tenured full-time position in Mathematical Optimization, UCLouvain

De   : Michel Thera

UCLouvain invites applications for a tenure-track or tenured full-time position in Mathematical Optimization: https://jobs.uclouvain.be/PersonnelAcademique/job/An-academic-position-in-Mathematical-optimization-%281-FTE%29/624610701/

Possibly also of interest an academic position in Automation and process control:

https://jobs.uclouvain.be/PersonnelAcademique/job/An-academic-position-in-Automation-and-process-control-%281-FTE%29/624609101/

and an academic position in Mathematics for Artificial Intelligence:
https://jobs.uclouvain.be/PersonnelAcademique/job/An-academic-position-in-Mathematics-for-Artificial-Intelligence-%281-FTE%29/624610201/

The deadline for applications is Monday, November 16, 2020 at noon.

For more information about UCLouvain's ICTEAM institute and the Louvain School of Engineering, please visit:
https://uclouvain.be/en/research-institutes/icteam
https://uclouvain.be/en/faculties/epl

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3) 31st EURO conference to be held in Athens

De   : Olivier Cots
Lien   : https://euro2021athens.com

FIRST ANNOUNCEMENT AND CALL FOR PAPERS

https://euro2021athens.com/

31st EURO conference to be held in Athens.

The Program Committee, chaired by Rudolf Vetchera, and the Organizing
Committee, co-chaired by Nikolaos Matsatsinis and John Psarras, are
preparing a high-quality scientific program and an exciting social program
for the Conference.

After a year of lockdowns and limited travel, we are optimistic that the
EURO 2021 Conference will again provide an excellent opportunity for the OR
community to meet in person in a city that in a unique way stands for the
identity of Europe. EURO 2021 acknowledges that virtual conferences can't
entirely replicate the conference experience, which normally involves face

to face meetings and networking opportunities. However, Euro
2021 is fully
prepared to adjust its strategy in case of any similar
situation and to
convert the physical congress to a hybrid or virtual one, with
the main
objective that the new format will continue to meet the needs
of the EURO
2021 community and to ensure a viable future for the
association's
activities in scientific education and professional support.
Registered
participants will still be eligible to participate, authors
whose abstracts
were accepted will be published in the digital abstract book,
with
e-posters available for virtual consultation and industry to
have a wide
selection of sponsorship opportunities.

PLENARY, KEYNOTE & TUTORIAL SPEAKERS:

We have selected several outstanding Plenaries & Tutorial
Speakers that
will present the state-of-the-art in Operations Research and
outline
pathways of its future developments. More information on
speakers and their
presentations will be announced soon. Please follow up further
information
at the EURO 2021 Conference webpage:
https://euro2021athens.com/.

CALL FOR PAPERS AND SESSIONS:

Researchers, academics, practitioners, and students interested
in any
branch of Operational Research, mathematical modelling or
economic analysis
are invited to submit abstracts or organize sessions.

Invited and contributed papers will be organized in parallel
sessions. In
general, sessions will be a part of the Conference streams,
and streams are
grouped in different areas. The list of areas and streams will
be available
shortly.

Abstract submission system is available online, via the

Conference web page
(https://euro2021athens.com/).

Abstracts must be written in English and contain no more than 1,500
characters in plain text format (no formulas are allowed). Submission
deadline: February 28.

Researchers who wish to organize a stream or an invited session or
contribute with a paper within an invited session should contact a Program
Committee member of the corresponding area.

KEY DATES AND DEADLINES

Abstract submissions start 20.09.2020
Abstract submission deadline 28.02.2021
Notification of abstract acceptance deadline 28.03.2021
Registration Opens 14.02.2021
Early bird registration deadline 02.05.2021
Late registration deadline 16.05.2021
Delegate registration deadline 20.06.2021

REGISTRATION FEES:

Registration fees (including VAT) apply:
Regular Early until May 2nd, 2021 (inclusive): 400 EUR
Regular Late until May 16th, 2021 (inclusive, only authors):
500 EUR
Regular Late until June 20th, 2018 (inclusive, just for
attendants) 500 EUR
Student/retired Early until May 2nd, 2021 (inclusive): 200 EUR
Student/retired Late until May 16th, 2021 (inclusive, only
authors): 300 EUR
Student/retired Late until June 20th, 2021 (inclusive, just
for
attendants): 300 EUR
Accompanying persons: 120 EUR
Conference Dinner: 80 EUR

Regulations for Participants
Author registration: For each accepted paper at least one registration is
required, and each participant may present one paper.

CALL FOR EXHIBITORS:

Parties interested in having a booth or exhibition area during

the
Conference are kindly requested to contact
sponsors@euro2021athens.com. An
exhibitor's guide will be available shortly.

FURTHER INFORMATION:

For detailed information about EURO 2021, please, visit the
Conference
webpage.
For any further information: info@euro2021athens.com
We look forward to welcoming you to our very exciting
conference in Athens!
Rudolf Vetschera, Nikolaos Matsatsinis, John Psarras

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4) 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 Français d'Optimisation
  https://gdrmoa.math.cnrs.fr/seminaire-francais-optimisation/

- Séminaire Parisien d'Optimisation (IHP)
  https://sites.google.com/site/spoihp/

- Séminaire du programme PGMO
  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/theoriedesjeux/

- 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/agenda/categorie/statistique-probabilites-optimisation-et-controle

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5) Dynamic Control and Optimization, February 3 to 5, 2021

De   : Jean-Baptiste Caillau
Lien   : https://sites.google.com/view/dco2021

The Dynamic Control and Optimization International Conference 2021 (DCO 2021) will take place at University of Aveiro, Campus of Santiago, from 3 to 5 February, 2021 (Wednesday-Friday). The conference is dedicated to the 65th birthday of Andrey V. Sarychev, Professor in University of Aveiro until 2002.

The conference is organized by the Department of Mathematics of the University of Aveiro, the Center for Research & Development in Mathematics and Applications (CIDMA, University

of Aveiro) and the Center for Applied Mathematics and Economics (CEMAPRE, University of Lisbon).

Aims and Scope

The conference include topics in research in the areas of (but not limited to):

nonlinear dynamical control systems,

control of evolution PDE,

optimal control,

sub-Riemannian geometry,

ordinary differential equations,

calculus of variations,

differential equations,

propagation of acoustic waves in elastic media.

The conference will consist of invited plenary talks (40 minutes + 5 minutes of q&a) and contributed paper presentations (20 minutes + 5 minutes of q&a).

Selected full papers of this conference will be published in an international journal.

Due to the COVID-19 situation and the possible lockdown, the conference is planned to be held in two simultaneous ways:

attended at the University of Aveiro, Aveiro, Portugal;

virtually using Zoom

To ensure that all conference attendees have access to all sessions, it is planned to transmit the sessions online or provide access to their recordings.

Regardless of how we handle the conference, we want to assure everyone that there will be a forum for contributors to share their work and participants to learn and network.

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6) Mois de l'optimisation : Rennes 2020

De   : Michel Thera
Lien   : https://www.youtube.com/watch?v=MRuFOEzBsnQ&feature=youtu.be

LE MOIS DE L'OPTIMISATION L'EFFICACITÉ À TOUS LES COUPS

C'EST POUR QUOI ?

Dans le cadre de la popularisation des sciences, le laboratoire IRMAR et le GDR « Mathématiques de l'Optimisation et Applications » vous proposent un cycle de 4 conférences autour de la thématique « Optimisation », domaine des mathématiques cherchant à maximiser (ou à minimiser) un critère sous des contraintes. Ces conférences seront suivies d'ateliers dans les lycées de l'Académie de Rennes, et d'une demi-journée MathC2+. En savoir plus

C'EST POUR QUI ?

Ouvert à tous : collégiens, lycéens, étudiants de tout horizon, grand public curieux, entreprises, enseignants, chercheurs…

LES 3 — 10 — 17 ET 24 NOVEMBRE 2020

4 CONFÉRENCES ÉCHANGES

Organisé à Rennes en présentiel et en distanciel

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7) Optimization Seminars Center for Mathematical Modeling — U. de Chile

De   : Michel Thera
Lien   : https://eventos.cmm.uchile.cl/optimseminar/

Optimization Seminars Center for Mathematical Modeling — U. de Chile

website: https://eventos.cmm.uchile.cl/optimseminar/

Optimization and equilibrium models pervade mathematics and science. They have become central for decision making in industry. Our research has grown increasingly diverse as a result of our academic and industrial interactions.

Our competence in convex and nonlinear programming, nonsmooth
dynamical systems, stochastic optimization, semi-algebraic
optimization, variational analysis and game theory, combined
with our engineers' expertise, allow us to address relevant
industrial problems from a multidisciplinary perspective.

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8) Variational Analysis and Optimisation Webinar

De   : Michel Thera
Lien   : http://www.mocao.org/va-webinar/

Variational Analysis and Optimisation Webinar

website: http://www.mocao.org/va-webinar/

Many high quality online optimisation seminars have come to
life recently. This is a positive by-product of the current
unfortunate epidemiological situation. The series focuses on
Variational Analysis, a key research interest for many
Australian mathematicians. However, we are not going to erect
walls and are happy to consider both variational analysis and
mathematical optimisation broadly.

Since the organisers reside in Australia, our targeted time
zones are different from those covered by the existing online
optimisation seminars: afternoon in Australia, New Zealand and
most of Asia, and morning in Europe. We apologise to our
colleagues in North and South America.

We stand with the under-privileged communities in science and
education and all those striving against all forms of racism
and discrimination.

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9) Relatively New Tunisian Journal of Mathematics

De   : Jérôme Bolte
Lien   : http://www.tms.rnu.tn

The Tunisian Journal of Mathematics (TJM) is an international
publication organized by the Tunisian Mathematical Society and
published in electronic and print formats by MSP in Berkeley.
It publishes research articles in all areas of mathematics.
These will be selected by a distinguished, international board

of editors based on outstanding quality and interest, and according to the highest international standards.

The purpose of TJM is the advancement of mathematics. Editors evaluate submitted papers strictly on the basis of scientific merit. All articles submitted to this journal are peer-reviewed. The TJM uses a single blind peer-review process which means that the reviewers know who the authors of the manuscript are, but the authors do not know who the peer reviewers are.

The African continent is increasingly interested in scientific development, particularly in mathematics. The Tunisian Mathematical Society was founded in 1992 and is a permanent institutional member of the International Mathematical Union. It plays a major role in stimulating and sustaining high level mathematical research in Tunisia and its surrounding region. With the launch of this journal, the Tunisian Mathematical Society contributes to the development in Africa of scientific research meeting high international standards.

The TJM editorial board invites mathematicians from all over the world to take part in this stimulating project by submitting high-level research articles.

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Fin de la lettre MODE
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