

Lettre MODE
janvier 2017

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oana-silvia.serea@univ-perp.fr avant la fin du mois.

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Vous pouvez également retrouver les lettres MODE sur le site :

<http://smai.emath.fr/spip.php?article330&lang=fr>

SMAI-MODE sur twitter :

Le groupe dispose désormais d'un fil d'actualité : [https://
twitter.com/smai_mode](https://twitter.com/smai_mode)

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0- Edito

(source : R. Laraki)

Cher-e-s collègues,

Je vous souhaite une très bonne année 2017 en espérant qu'elle apportera la santé, la paix et la réussite à chacun. Toutes nos pensées vont aux victimes innocentes, et aux collègues qui nous ont quitté (parmi ceux-ci : Jean-Christophe Yoccoz, André Danzin, András Prékopa, Robert Janin, Roger Fletcher, Michael Borwein, Nguyen Van Hien, Félix Browder, Ronald Bruck Jr, Thomas Schelling, Marc Rybowicz).

Cette année sera riche en manifestations pour les mathématiques appliquées et l'optimisation. Dès le mois de janvier 2017, nous avons plusieurs conférences et colloques organisés en France : première journée commune des groupes MAS et MODE de la SMAI le 9 à l'IHP à Paris, Weak KAM, Beyond Hamilton-Jacobi du 9 au 13 à Bordeaux, EJCIM du 23 au 27 à l'ENS Lyon, ou encore les journées de combinatoire du 25 au 27 à Bordeaux. Pour l'agenda, je vous invite à visiter <http://smai.emath.fr/spip.php?rubrique71>

Rappelons que cette année a lieu congrès SMAI à la Tremblade, en charente Maritime, du 5 au 9 Juin 2017 (<http://smai.emath.fr/smai2017>). Le comité de liaison de SMAI-MODE a décidé de financer trois mini-symposia en rapport avec les thématiques du groupe à hauteur de 1000 euros chacun. Pour postuler, veuillez adresser une copie de votre soumission SMAI à rida.laraki@dauphine.fr avant la date limite fixée par la

SMAI (30 janvier 2017). Les mini-symposia acceptés par la SMAI seront classés par le comité de liaison.

Rida Laraki

1- Tenure track position for Associate or Assistant Professor in Operations Research at Aalto University
(source : D. Aussel, O.-S. Serea et M. Théra)

Dear Colleagues,

Please note that there is an open tenure track position for Associate or Assistant Professor in Operations Research at Aalto University, as described in the two attachments and at the following link: <http://www.aalto.fi/en/about/careers/jobs/view/1140/>

The deadline for applications is February 19, 2017.

Please consider disseminating the vacancy in your group and working network.

Best regards and best wishes for a very happy and fruitful 2017!

Semih Kuter

2- Open postdoc position in game theory/machine learning, EURECOM, Sophia-Antipolis, France
(source : O.S. Serea)

Dear Colleagues,

I am looking for a postdoc to work with me at the intersection between game theory and statistical learning--all information can be found in the full ad at this link: <http://www.eurecom.fr/~loiseau/Postdoc-CONNECTED.pdf>. In principle, the postdoc could start as early as 1st Jan 2017 but of course, I will select the candidate based on scientific potential and a later start date can be arranged.

If you know of any good PhD student who could be interested, I

would greatly appreciate that you forward this ad to him/her.

Thank you for your help,

Patrick
Assistant Professor, Data Science
EURECOM, Sophia-Antipolis, France
Web: <http://www.eurecom.fr/~loiseau/>

3- Postdoctoral Positions at CMM 2017, Santiago, Chile
(source : J.-B. Caillaud)

For further information please visit the website: <http://www.cmm.uchile.cl/?p=29774>

4- 2 Postdoc positions at Colorado State University
(source : M. Théra)

The Department of Mathematics, Colorado State University invites applicants for one or two postdoctoral positions to investigate compressive sensing algorithms for hyperspectral and LIDAR imaging applications as part of a university-industry team. The positions are full-time 2-year appointments with competitive salary. Applicants must be eligible to work in the United States at the time of application and have a Ph.D. in Applied Mathematics, or related area and computer programming experience in MATLAB. Preferred qualifications include a background in optimization algorithms, e.g., sparse modeling, and programming experience in C++ and CUDA. Experience with hyperspectral and/or LIDAR data helpful but not essential. We would like to fill this position as soon as possible.

A complete job description and application instructions can be found at: <http://jobs.colostate.edu/postings/37726>

For full consideration, applications should include: a cover letter, current curriculum vitae, teaching statement, research statement, and the names and contact information of two references by December 31, 2016. CSU is an EO/EA/AA employer. Colorado State University conducts background checks on all final candidates. Inquiries should be emailed to Prof. Michael

Kirby, Search Committee Chair, at Michael.Kirby@colostate.edu

5- 2 postdoctoral positions in the School of Mathematics at
the University of Edinburgh
(source : M. Théra)

Applications are invited for 2 postdoctoral positions in the
School of Mathematics at the University of Edinburgh. The
positions are available for 12 months, assuming the successful
candidates take up post on or before 01 March 2017.

The post holder will become a member of the Big Data
Optimization group led by Dr Peter Richtarik, join the
Edinburgh Research Group in Optimization, and will have
opportunities to interact with the Alan Turing Institute and
KAUST.

The ideal candidate will be an enthusiastic and creative
individual with a Ph.D. in Mathematics, Computer Science,
Optimization, Data Science, Machine Learning, Operations
Research, Engineering, or a related field, and a strong track
record as evidenced by high quality publications, invited
talks and prizes. Expertise in several of the following is
desired: optimization/training algorithms, convergence
analysis, deep learning, reinforcement learning, randomized/
stochastic algorithms, convex analysis, nonconvex
optimization, complexity analysis, matrix theory, C++, Python,
Julia, Spark, Tensorflow, MPI/Open MP, and high-performance
computing.

All applicants must apply online via our vacancy website:
[https://www.vacancies.ed.ac.uk/pls/corehrrecruit/
erq_jobspec_version_4.jobspec?p_id=038477](https://www.vacancies.ed.ac.uk/pls/corehrrecruit/erq_jobspec_version_4.jobspec?p_id=038477)

Please include with your application: a CV (including
publication list); a research statement. In addition, please
arrange for at least three referees to send letters of
recommendation directly to hr@maths.ed.ac.uk by the closing
date.

Closing date: 5pm (UK time), Monday 23rd January

Skype interviews will be held during January 25 - 27, 2017. If
you have not heard from us by January 31, 2017, please assume
that your application has not been successful. For informal
enquiries about the post, please contact Dr Peter Richtarik

(peter.richtarik@ed.ac.uk).

6- Postdoctoral position, University of Minho, Portugal
(source : J.-B. Caillaud)

For further information please contact Ana Rocha
(arocha@dps.uminho.pt) and visit: <http://www.eracareers.pt/Organizations/index.aspx?task=postOpportunities&idc=1>

7- Remembrance Day dedicated to Jon Borwein, February 10th,
2017
(source : M. Théra)

For further information please visit the website: <https://carma.newcastle.edu.au/meetings/remembranceday/>

8- Quantum control theory: Mathematical and physical aspects,
3-5 April 2017, Munich
(source : J.-B. Caillaud)

For more information, please look at the web site:
<http://www.tum-ias.de/quantumcontroltheory2017/home.html>

9- SING13 European Meeting of Game Theory, Paris, 5-7 July
2017
(source : R. Laraki et O.-S. Serea)

For more information, please look at the web sites: <http://www.lamsade.dauphine.fr/sing13/> and <http://www.lamsade.dauphine.fr/sing13/content/SINGprize.htm>

10- Les huitième journées franco-chiliennes d'optimisation,

5-7 juillet 2017, Toulouse
(source : E. Pauwels)

Les huitième journées franco-chiliennes d'optimisation se tiendront à Toulouse du 5 au 7 juillet 2017.

Un programme préliminaire se trouve à l'adresse suivante :
www.irit.fr/JFCO/

Ces journées sont ouvertes à tous mais l'inscription en ligne est obligatoire. Les journées comporteront un nombre restreint d'exposés afin de privilégier les échanges scientifiques et l'investigation de problèmes ouverts.

11- ECSO 2017 Stochastic Optimization in Service Science,
20-22 September 2017, Rome, Italy
(source : M. Théra et O.-S. Serea)

For more information, please look at the web site: <http://ecso2017.inf.uniroma3.it/>

12- The 13th edition of the International Seminar on
Optimization and Related Areas, October 9-13, 2017, Peru
(source : M. Théra)

The 13th edition of the International Seminar on Optimization and Related Areas (ISORA: <http://isora2017.imca.edu.pe/>) will take place on October 9-13, 2017, at the Instituto de Matemática y Ciencias Afines (IMCA) in Lima, Peru. The organizers of the XIII ISORA cordially invite the scientific community to submit papers on relevant topics on Optimization and/or related areas.

Important dates:

Deadline for abstract submission: July 10, 2017
Notification to authors: August 10, 2017

For additional information about the XIII ISORA, please contact us at isora2017@imca.edu.pe

I also want to take this opportunity to wish you all the best

for the new year.

Yours sincerely,

Eladio Ocaña (Chair)

13- 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

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Séminaire Parisien d'Optimisation (exceptionnellement : ENSCP 01, à côté de l'IHP)

<http://www.ljll.math.upmc.fr/~plc/spo.html>

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Séminaire du programme PGMO, salle PGMO (Polytechnique)

<http://www.fondation-hadamard.fr/en/pgmo/seminar>

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Groupe de Travail CalVa (université Paris-Dauphine, en salle A711)

https://www.ljll.math.upmc.fr/fr/seminaires/gt_calcul_des_variations.html

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Groupe de Travail Analyse Non-linéaire et EDP (IHP)

<http://www.math.ens.fr/~alazard/seminaire.html>

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Séminaire Pluridisciplinaire d'Optimisation de Toulouse (lieu : voir site)

<http://projects.laas.fr/spot/>

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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](http://www.i3m.univ-montp2.fr/index.php?option=com_content&view=article&id=59&catid=19&sem=618)

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Séminaire hebdomadaire de l'équipe MOD de l'Université de
Limoges

<https://indico.math.cnrs.fr/categoryDisplay.py?categId=36>

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Séminaire Parisien de Théorie des Jeux (IHP, salle 05, 201 ou
314)

<https://sites.google.com/site/theoriesdesjeux/>

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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/>

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Séminaire de géométrie sous-riemannienne - IHP

<http://webusers.imj-prg.fr/~davide.barilari/seminar.php>

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Séminaire de de l'équipe Statistique, Probabilités,
Optimisation et Contrôle (SPOC) - IMB

<https://math.u-bourgogne.fr/spip.php?page=seminairespoc>

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Séminaire MDOD (Mathématiques Discrètes, Optimisation et

Décision), Maison des Sciences Economiques, Paris

<http://ces.univ-paris1.fr/membre/seminaire/MDOD/>

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14- EUROPT Fellow 2017 - Call for Nominations
(source : O.-S. Serea)

EUROPT honors outstanding researchers in continuous optimization by awarding the EUROPT Fellowship. The Fellowship is presented to the awarded researcher annually, at the EUROPT Workshop. The Fellow is invited to present the EUROPT Fellow Lecture as a plenary talk at the Workshop.

Each EUROPT member is eligible to nominate candidates for the Fellowship. The nomination must include a nomination letter of no more than two pages and a short CV of the candidate. The nomination material must be sent in electronic form to the current Chair of the EUROPT Managing Board no later than January 31 in the year when the Fellowship will be awarded.

The EUROPT Managing Board serves as selection committee. Based on the nominations and the resulting votes, the selection committee chooses the EUROPT Fellow.

To be nominated as EUROPT Fellow, a researcher must satisfy one or both of the following criteria:

1. Outstanding scientific contributions to continuous optimization, such as original theoretical results, innovative applications, and/or successful software development.
2. Outstanding administrative contributions to the continuous optimization community, in particular to EUROPT, such as organizing conferences, special issues, and serving at editorial boards

of
international scientific journals.

Members of EUROPT MBs as well as honorary chairs are not
eligible to
be nominated.

The photo gallery of all previous EUROPT Fellows is presented
at the
EUROPT web page <http://europt.iam.metu.edu.tr/>.

Please send your nominations to julius.zilinskas@mii.vu.lt by
January
31, 2017.

15- Passing away of Ahmad El Soufi
(source : M. Théra)

Dear all,

It is with great sadness that we learnt of the passing away of
Ahmad El Soufi, on 27th December, at Tours in France.
Professor at the Univesity François-Rabelais at Tours, Ahmad
El Soufi was a major actor of CIMPA for many years, especially
through his activities in Africa and the Middle East. All
those who had the pleasure of knowing him will treasure the
memory of a very cultivated man, full of humanity, of
tremendous kindness and of a contagious joie de vivre. We
shall be forever grateful to our friend Ahmad for the great
energy which he bestowed continuously in the service of the
development of mathematics, and we share the grief of his
family and those dear to him.

The Bureau and the Director.