



Call for Papers

ANNPR 2014

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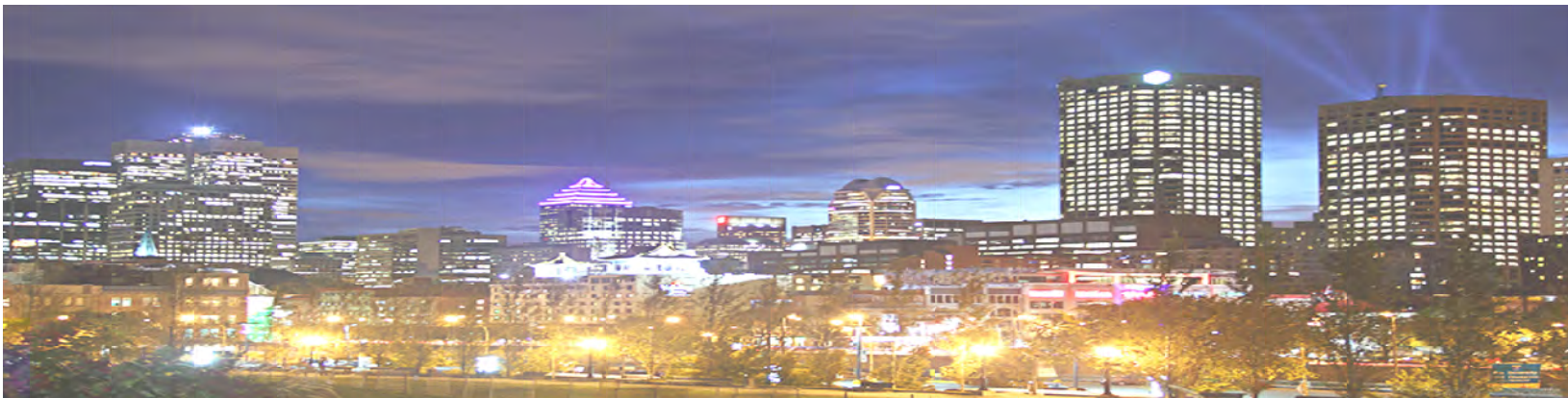
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Local Organization

Treasurer: Leila Kosseim
Venue and Social: Marleah Blom
Web & IT: Nicola Nobile

Website:

<http://www.annpr2014.com/>



Sixth IAPR TC3 International Workshop on Artificial Neural Networks in Pattern Recognition

October 6-8, 2014

Concordia University, Montreal, Canada

ANNPR 2014 invites papers that present original work in areas of neural networks, machine learning and pattern recognition, focusing on both theoretical and applied aspects. Topics of interest include, but not limited to:

Methodological issues

- Supervised learning
- Unsupervised learning
- Combination of supervised and unsupervised learning
- Feedforward, recurrent, and competitive neural nets
- Kernel machines
- Hierarchical modular architectures and hybrid systems
- Combination of neural networks and Hidden Markov models
- Multiple classifier systems and ensemble methods
- Probabilistic graphical models
- Kernel methods
- Deep architectures

Paper Submissions

Potential participants should submit a paper describing their work in one of the areas described above. Proceedings will be published as a volume in the Springer LNAI, maximum paper length is 12 pages in LNCS/LNAI format. Instructions for authors, LaTeX templates, etc. are available at the [Springer LNCS/LNAI web-site](#). Submission of a paper constitutes a commitment that, if accepted, one or more authors will attend the workshop. On-line submissions are done via EasyChair (<https://www.easychair.org/conferences/?conf=annpr2014>).

Special Sessions

Fellow scientists wishing to organize a special session should submit a proposal to the ANNPR chairs (annpr2014@encs.concordia.ca).

Proposals should include the session title, a list of topics covered by the session and a list of 3-6 papers for possible presentation in the session. Proposals must be received by March 15th, 2014.

Important Dates

Proposals of special sessions:	March 15 th , 2014
Paper submission:	May 5 th , 2014
Notification of acceptance:	June 30 th , 2014
Camera ready due:	July 18 th , 2014
Workshop:	October 6-8, 2014

Invited Speakers



Dr. Yoshua Bengio, Canada
Full Professor of the Department of Computer Science and Operations Research, University of Montreal
Head of the Machine Learning Laboratory (LISA)
CIFAR Fellow in the Neural Computation and Adaptive Perception
Canada Research Chair in Statistical Learning Algorithms
Research Areas: Machine learning (ML), neural computation and adaptive perception, statistical learning algorithms
Home Page: http://www.iro.umontreal.ca/~bengio/yoshua_en/index.html



Dr. Zhi-Hua Zhou, China
Professor in the Department of Computer Science & Technology, Nanjing University, China
Deputy Director of the National Key Lab for Novel Software Technology
Founding Director of LAMDA, Nanjing University
ACM Distinguished Scientist, IEEE Fellow, IAPR Fellow
Research Areas: Research Areas: Machine learning, data mining, pattern recognition, multimedia information retrieval
Home Page: <http://cs.nju.edu.cn/zhouch/>



Dr. J. Michael Herrmann, U.K.
Lecturer at The University of Edinburgh School of Informatics
Member of Informatics Life-Sciences Institute
Associate Member of Institute for Adaptive and Neural Computation
Member of Institute of Perception, Action and Behaviour
Research Areas: Neurocomputation, NN, learning theory in autonomous agents & behavioral neuroscience, ML, dynamics of neural systems
Home Page: http://www.inf.ed.ac.uk/people/staff/Michael_Herrmann.html

Venue:

With roots that go back more than 160 years, [Concordia University](#) was founded in 1974 following the merger of Loyola College and Sir George Williams University. With two campuses about 7 km apart, the ANNPR workshop will be held in the downtown Sir George Williams Campus, located in the downtown core of Montreal, in an area known as [Quartier Concordia](#). The event will be held in the newly built and modern Engineering, Computer Science and Visual Arts Complex. Concordia has approximately 46000 students are enrolled at in over 300 undergraduate and 100 graduate programs and courses. Concordia was ranked 7th among Canadian universities in the International Professional Classification of Higher Education Institutions taking into account the number of graduates occupying the rank of Chief Executive Officer at Fortune 500 companies.

[Montreal](#) is the second largest city in Canada (15th largest in North America). Located in the middle of the St. Lawrence river and contains a triple-peaked hill at the heart of the city. Although 56% of the population is bilingual, Montreal is the second largest French speaking city in the world. In 2009, Montreal was named North America's number one host city for international association events. In 2012, Montreal was ranked the [9th-best place in the world to be a university student](#). Environmentally friendly, Montreal is "[North America's premiere bicycle city](#)" having a bicycle network of 535 km, with plans for 800 km by 2015. The public transit, [STM](#), won the [American Public Transportation Association award](#) as Outstanding Public Transportation System in North America and the [International MetroRail Award](#) for their Commitment to the Environment for two consecutive years.

Sponsors:



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