

Zpravodaj pro kybernetiku a informatiku

ČSKÍ Česká společnost pro kybernetiku a informatiku

prosinec
2012

Člen: CEPIS, ECCAI, ESSU, IAPR, IASS/AIS, IFAC, IFIP. Založena 1966.

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Prosincové kalendárium

4. **D. Pokorný, J. Rataj: Delta-konvexní oblasti a jejich křivosti**
5. **Z. Haniková: Some decision procedures for DFNL**
12. **C. Noguera: Exploring paraconsistency in fuzzy logics**
18. **T. Mrkvička: Checking type of inhomogeneity for Neyman-Scott point processes**
19. **Vánoční posezení**

Odborná skupina aplikované matematické logiky

Vás zve na semináře, které se konají vždy **ve středu** v zasedacím sále Ústavu informatiky AV ČR (místnost č. 318), Pod vodárenskou věží 2, 182 07 Praha 8 – Libeň, stanice metra C Ládví.

Pozor! Začátek seminářů je posunut na 14 hodin!

Program:

5. **prosinec Zuzana Haniková: Some decision procedures for DFNL**
The technique used to prove the finite embeddability property for distributive lattice-ordered residuated groupoids puts its universal theory into coNEXP. For chains in the class, the theory is in coNP. Joint work with R. Horčík.
12. **prosinec Carles Noguera: Exploring paraconsistency in fuzzy logics**
In this talk we will take a few first steps in exploring possible connections between the fields of paraconsistent and fuzzy logics. We will argue that the usual truth-preserving paradigm is not suitable for dealing with paraconsistency while, in contrast, degree-preserving fuzzy logics are amenable to be dealt with as paraconsistent logics. We will show examples of these logics satisfying some typical paraconsistent properties, namely: partially explosive, controllably explosive, and gently explosive logics.
19. **prosinec Vánoční posezení**

Odborná skupina pro stereologii

vás zve na *Seminář ze stochastické geometrie*.

Na semináři jsou referovány nové nebo aktuální výsledky z oboru stochastické geometrie, integrální geometrie, geometrické pravděpodobnosti, geometrické statistiky a stereologie.

Seminář se koná v úterý od 15:40 do 17:10 v seminární místnosti Katedry pravděpodobnosti a matematické statistiky MFF UK (Karlín, Sokolovská 83, 1. patro). Zájemci jsou srdečně zváni.

Program:

4. **prosinec Dušan Pokorný, Jan Rataj: Delta-konvexní oblasti a jejich křivosti**
18. **prosinec Tomáš Mrkvička: Checking type of inhomogeneity for Neyman-Scott point processes**

Volná místa

National University of Singapore

The Department of Electrical & Computer Engineering (ECE) at the National University of Singapore (NUS) invites outstanding candidates with an earned PhD degree from a globally reputable institution for a number of tenure-track faculty (Assistant/Associate/Full Professor) positions in Control of Autonomous Systems. The candidate should have strong research interests in the control of autonomous systems, including flight control, navigation and guidance. The candidate is expected to have one or more of these expertise: systems modelling and identification, collaborative sensing of multi-agent systems, nonlinear systems control. The candidate is also expected to collaborate closely with existing

faculty in a team environment to strengthen the Department's already existing competencies in autonomous systems, including autonomous electric vehicles, unmanned aerials vehicles and autonomous underwater vehicles.

ECE faculty members teach undergraduate and graduate courses, supervise undergraduate and graduate student projects and develop competitively funded research programs. Singapore provides excellent research funding opportunities through various funding agencies such as the Singapore National Research Foundation (NRF) and the Agency for Science, Technology and Research (A*STAR), and various government ministries/ agencies and private sector corporations.

NUS regularly ranks amongst the top 10 universities in Asia and is Singapore's only comprehensive university. ECE is the largest department in NUS, with a tenure-track or tenured faculty size of approximately 100 supported by approximately 180 administrative/technical/research staff. Full-time undergraduate enrolment over 4 years is approximately 1,500 students, reading either the B.Eng. (Electrical Engineering) degree program or the B.Eng. (Computer Engineering) degree program. Graduate students enrolled for the PhD, research-based M.Eng. and part-time coursework based M.Sc. programs are approximately 400, 100 and 250, respectively.

More details about ECE can be found at <http://www.ece.nus.edu.sg>

Interested applicants are invited to send a detailed CV, list of publications, research statement (max 3 pages), teaching philosophy statement (max 2 pages) and contact details of 3 (6 if applying for Associate/Full Professor) referees to:

Chairman, Search Committee (c/o Ms Jade Ong), Department of Electrical & Computer Engineering, National University of Singapore, Block E4, Level 5, Room 45, 4 Engineering Drive 3, Singapore 117576

Fax: +65 6779-1103

Email: eleopgj@nus.edu.sg

Shortlisted candidates will be invited for a campus visit and interview. Applications will be accepted until the available positions are filled.

Queen's University, Canada

Pending budgetary approval, the Department of Mathematics and Statistics at Queen's University is seeking outstanding candidates for a tenure-track position in Applied Mathematics at the Assistant Professor level, with a starting date of July 1, 2013. Although applications from outstanding candidates in all areas of Applied Mathematics are invited, priority will be given to candidates able to contribute to the Mathematics and Engineering program or to the Mathematical Biology program. The successful applicant is expected to work in an area that complements areas already represented in the Department, to interact with related groups in the Department, and to have demonstrable interest in, and potential for, teaching.

In areas related to the Mathematics and Engineering program, there are presently research groups in Communication Theory, Geometric Control Theory, Information Theory, and Stochastic Control. A candidate who joins a group related to the Mathematics and Engineering program will be expected to obtain a licensure as a Professional Engineer; a degree in Engineering (undergraduate or graduate) is a strong asset towards obtaining the licensure. For more information about the Mathematics and Engineering program, please see <http://www.mast.queensu.ca/meng>.

For the full description and details on the application process, please see <http://www.mast.queensu.ca/positions/>

Vydává Česká společnost pro kybernetiku a informatiku pro potřeby svých členů. Neprodejně. Neprošlo korekturami ani jazykovou úpravou. Informace o členství v ČSKÍ na jejím sekretariátě. Příspěvky posílejte na adresu sekretariátu (přednostně emailem a v elektronické formě LaTeX).

Uzávěrka příštího čísla: 27. prosince 2012.

Texty z tohoto zpravodaje smějí být uveřejněny jinde jako celek i po částech. Prosíme ovšem o uvedení odkazu na ČSKÍ jako zdroj.