

Zpravodaj pro kybernetiku a informatiku

ČSKI Česká společnost pro kybernetiku a informatiku

květen
2016

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Sekretariát: Pod Vodárenskou věží 2, 182 07 Praha 8 – Libeň

tel: 2 6605 3901

fax: 2 8658 5789

e-mail: cski@utia.cas.cz

<http://www.cska.cz>

Valná hromada ČSKI

Připomínáme, že valná hromada ČSKI se koná v pátek 3. června 2016 ve 14 hodin v zasedacím sále Ústavu informatiky AV ČR, Pod Vodárenskou věží 2, Praha 8, stanice metra C Ládví.

Na programu valné hromady je přednesení zpráv o činnosti a hospodaření, volby předsedy a předsednictva Společnosti a diskuse o činnosti ČSKI.

V průběhu valné hromady budou slavnostně předány ceny vítězům soutěže Antonína Svobody.

Přítomní budou také moci vyslechnout přednášku doc. Ing. Michala Jakoba, Ph.D. "Inteligentní plánování tras pro udržitelnou mobilitu".

Těšíme se nashledanou s co největším počtem členů.

Červnové kalendárium

1. I. Sedlár: Propositional dynamic logic with Belnapian truth values
- 16.-18. Prague Seminar: The Future of Mathematical Fuzzy Logic

Odborná skupina aplikované matematické logiky

Vás zve na semináře, které se konají vždy ve středu v 10 hodin v zasedacím sále Ústavu informatiky AV ČR (místnost č. 318), Pod Vodárenskou věží 2, 182 07 Praha 8 – Libeň, stanice metra C Ládví.

Program:
Igor Sedlár

Propositional dynamic logic with Belnapian truth values

Přednáška se koná **1. června v 10:00 hod.**

Souhrn. We discuss a four-valued version of the propositional dynamic logic PDL. The basic feature of the four-valued version, BPDFL, is that it builds on a generalised Belnapian notion of computer state, one that allows formulas to be both true and false or neither true nor false in addition to being true or false simpliciter. In terms of possible applications, BPDFL is able to formalise reasoning about programs that modify (possibly incomplete and inconsistent) database-like structures. Some basic examples of such applications are outlined. After that, we discuss the main technical results concerning BPDFL established so far, namely, a decidability result and a weak completeness theorem.

Prague Seminar: The Future of Mathematical Fuzzy Logic

<http://www.cs.cas.cz/cintula/PSFMFL>

Seminář se koná **16. - 18. června.**

Originating as an attempt to provide solid logical foundations for fuzzy set theory, and motivated also by philosophical and computational problems of vagueness and imprecision, Mathematical Fuzzy Logic (MFL) has become a significant subfield of mathematical logic. Research in this area focuses on many-valued logics with linearly ordered truth values and has yielded elegant and deep mathematical theories and challenging problems, thus continuing to attract an ever increasing number of researchers. However, the time has come to reevaluate whether current research has lived up to the initial goals.

This seminar is intended create an opportunity to take a critical stance on MFL motivations and applications and discuss its future. We invite contributions to re-think the research directions of MFL from the point of view of pure mathematical logic, its philosophical motivations and (computer science) applications.

Různé konference

TPNC 2016 - 5th International Conference on the Theory and Practice of Natural Computing, Sendai, Japan, December 12-14, 2016. Paper submission deadline: July 26, 2016. <http://grammars.grlmc.com/TPNC2016/>

CISP-BMEI 2016 - 9th International Congress on Image and Signal Processing, BioMedical Engineering and Informatics, Datong, China, October 15-17, 2016. Paper submission deadline: June 10, 2016. <http://cisp-bmei.tyut.edu.cn/>

ICAMCS - The 2017 International Conference on Applied Mathematics and Computer Science, Rome, Italy, January 27-29, 2017. Paper submission deadline: August 31, 2016. <http://www.icamcs.net>

Volná místa

Professor of Marine Robotics

Ocean College of Zhejiang University is seeking outstanding candidates and accepting applications for multiple tenure-track faculty positions at all levels in the broad area of marine industry robotics.

Zhejiang University is a national public institution of China that was founded in 1897. The University is continuously ranked top three among all Chinese universities in various national rankings. According to the U.S. News & World Reports 2015, the University was ranked 106th overall in the Best Global Universities rankings and 4th in the Best Global Universities for Engineering rankings.

Ocean College of Zhejiang University is based on the previous Department of Ocean Science and Engineering (DOSE), Zhejiang University. Located in the National New District-Zhoushan Archipelago New District, a beautiful seaside city, Ocean College has a total area of 58 hectares with a total construction area of 240,000 m². Ocean College of Zhejiang University is now seeking faculty at the level of Professor, Associate Professor and Lecturer from around the world who have a background in one of the following areas: marine electrical engineering, marine mechatronics, marine information, marine robots and etc.

Successful candidate should have completed their Ph.D., and will be expected to establish a significant research program and/or to teach effectively at undergraduate and graduate levels. Fluency in the Chinese language is preferable, but not essential. The positions remain open till filled.

Applicants should submit (1) a detailed resume, (2) a statement of research and teaching interests, (3) three representative publications, and (4) three reference letters, including referee's name and contact information.

To learn more about working & living in China, please visit: www.jobs.ac.uk/careers-advice/country-profiles/china

Clemson University, USA

Applications are invited for doctoral and/or post-doctoral positions in the general area of dynamics and control of network systems. Competitive financial supports will be provided. Students with a strong background in systems and control and a clear interest in the general area of network systems are encouraged to apply. Specific areas of research include: - analysis of dynamical engineered or biochemical networks - power systems - hybrid systems - oscillator networks or synchronization. Clemson University is ranked 20st among national public universities by U.S. News & World Report (tie with Purdue University-West Lafayette and University of Maryland-College Park). It is described by students and faculty as an inclusive, student-centered community characterized by high academic standards, a culture of collaboration, school spirit, and a competitive drive to excel.

Clemson is located on Lake Hartwell in the foothills of the Blue Ridge Mountains, an area of outstanding natural beauty and temperate climate. It is 30 miles from Greenville, SC, a vibrant and growing city which provides many opportunities for entertainment, culture, and fine dining. Strong mathematical and analytic skills are desired.

Candidates with a demonstrated track record in one or more of the previous area(s) will be preferred. Interested students should send a short resume, along with representative relevant publications, if applicable, to yongqiw@clemson.edu

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

Uzávěrka příštího čísla: 23. září 2016.

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