

# REPORT ON CS&P 2010

## Concurrency, Specification and Programming

27–29 September 2010, Landgasthaus Helenenau in Börnicke, Germany

Manfred Kudlek

**CS&P 2010**, the 19<sup>th</sup> in this series of workshops, alternating yearly between Germany and Poland, took place about 5 km southeast of **Bernau**, north of Berlin, in Landgasthaus **Helenenau** from September 27 to 29, 2010. The lecture rooms had interesting names: **Reithof** (also dining room), **Schafstall**, and **Rübenkeller**.

The organizing committee consisted of **Hans-Dieter Burkhard**, **Gabriele Lindemann**, **Louchka Popova-Zeugmann**, **Holger Schlingloff**, as well as **Nadezhda Govedarova**, **Heinrich Mellmann**, and **Jan Wegener**. The workshop was attended by 41 participants from 10 countries, details of which given in the following table:

BG	$\frac{1}{2}$	CN	$\frac{1}{2}$	IT	2	RU	2	SK	1
CA	1	DE	9	PL	23	SE	1	UK	1

The scientific program consisted of 40 contributions, 4 of them presented in a plenary session, the others in 2 parallel ones. Details on distribution by countries and number of authors is as follows:

BG	$\frac{1}{2}$	DE	$9\frac{1}{2}$	RU	2	SK	1
CA	1	IT	2	SA	$\frac{2}{3}$	UA	1
CN	$\frac{1}{2}$	PL	$19\frac{5}{6}$	SE	1	UK	1

1	2	3	4	5	8	9
13	15	8	1	1	1	1

The program can be found at <http://www2.informatik.hu-berlin.de/ki/CSP2010>.

Two contributions could not be presented due to absence of authors, another one was presented by someone else, due to illness of the author. The talks of the plenary sessions were

**Manfred Kudlek:** *Analysis and Synthesis of Generalized Work Flow Net Structures and Transition Graphs*

**Andrzej Skowron:** *Function Approximation: A New Rough Set Approach*

**Hans-Dieter Burkhard:** *Narrowing Reality Gap and Validation: Improving the Simulator for Humanoid Soccer Robot*

**Ludwik Czaja:** *On Deadlock and Fairness Decision Problems for Computations on Client-server Systems*

The workshop covered the fields

Mathematical models of concurrency	Parallel algorithms
Theory of programming	Object-oriented approaches
Complexity of parallel algorithms	Knowledge management
Multiagent systems	Knowledge discovery and data mining
Algebraical, logical set-theoretic, net-theoretic specification	Soft computing
Rough sets	Information technology and management
Specification languages	Applications

The proceedings, containing all contributions, edited by **Hans-Dieter Burk-hard, Ludwik Czaja, Wojciech Penczek, Gabriela Lindemann, Andrzej Skow-ron,** and **Zbigniew Suraj,** have been published in two volumes as *Informatik-Bericht Nr. 237* of **Humboldt-Universität zu Berlin**. It is planned to publish a selection of the contributions in a special issue of **Fundamenta Informaticae**.

The social program consisted of an excursion on Tuesday to the castle and church at **Börnicke**, where we got coffee and cake, and a dinner at the conference site. Weather was rather chilly, with a lot of rain, and cool. Next **CS&P** will be held somewhere in Eastern Poland.