

Seminář z umělé inteligence II

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<http://icaps12.poli.usp.br/icaps12/ickeps>

ICKEPS 2012 Challenge

The screenshot shows the website for the 22nd International Conference on Automated Planning and Scheduling (ICAPS) in South America. The main header includes the ICAPS 2012 logo and the event details: "22nd International Conference on Automated Planning and Scheduling South America". Below this, there are navigation links for Home, Timetable, Technical Program, Registration, Venue, and Committees. The main content area is titled "ICKEPS" and "Competition date: June 25th, 2012". It provides an overview of the International Competition on Knowledge Engineering for Planning and Scheduling, which has been running since 2005. The competition aims to focus on the Knowledge Engineering process "as a whole" and includes three tracks: Design Process Track, Challenge Track, and a third track (partially obscured). The Design Process Track is further detailed with its goals and evaluation criteria. A "User login" section is visible on the right side of the page.

- Zpracovávají v roce 2012 a v návazných diplomkách
- Dostupné problémy
 - rozvrhování solárních panelů na ISS (SACE)
 - plánování aktivit Mars Express Orbiteru (MEX)
 - plánování dopravy zboží na ropné plošiny (Petrobras)

International Planning Competition

International Planning Competition 2014

Deterministic part

IPC 2014

The international planning competition is a (nearly) biennial event organized in the context of the International Conference on Planning and Scheduling (ICAPS).

The competition has different goals, including, providing an empirical comparison of the state of the art of planning systems, highlighting challenges to the Planning community, proposing new directions for research and new links with other fields of AI, and providing new data sets to be used by the research community as benchmarks.

General Information

- [Development Environment System Info](#)
- [Development Environment System WIKI](#)
- [DES ticketing system](#)
- [Mailing list](#)

Important dates

- (Preliminary)
- June 13: [Call for Participation available](#)
 - June 13: [Call for Domains available](#)

- Deterministic Track
- Learning Track
- Probabilistic Planning Track: Continuous
- Probabilistic Planning Track: Discrete

MISTA 2013 Challenge

multi-mode resource-constrained multi-project scheduling problem

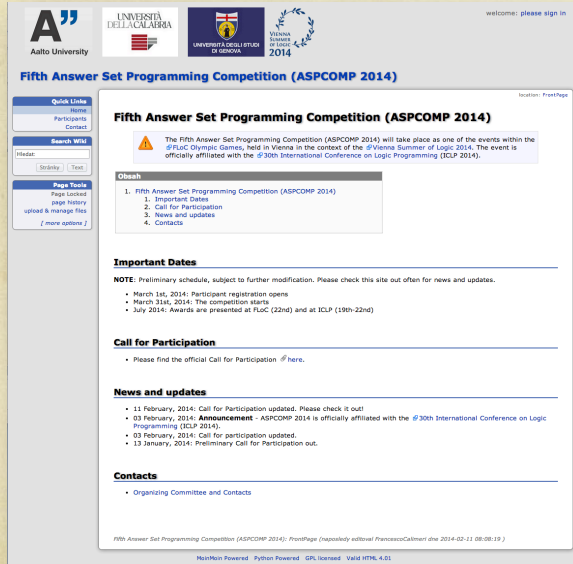
MISTA 2013 Challenge



Home	Welcome to the MISTA 2013 challenge!
Overview	Introduction
Dates	In the context of the 8th Multidisciplinary International Scheduling Conference (MISTA 2013), the CODES research group of KAHO (Engineering Technology, KU Leuven) is organizing a challenge with the goal of stimulating research in scheduling. The challenge deals with the multi-mode resource-constrained multi-project scheduling problem (MRCMPSP) in which multiple projects have to be scheduled, while taking into account the availability of local and global resources.
Instances and evaluator	
Registration	For more information, please refer to the detailed description of the problem .
Submissions and ranking	Competition format
Rules	The competition is divided into two phases. In the qualification phase, teams can register and submit solutions for a first set of instances. In the second phase, the best teams from the qualification phase will be able to fine-tune their algorithm using a second set of instances. Some time before the start of the conference all finalists are required to submit their final algorithms which will then be evaluated by the organisers on a hidden dataset. The winners of the MISTA 2013 challenge will be announced at the MISTA conference to be held at Gent, Belgium (27-30 Aug 2013).
Contact	For more details, check the deadlines and the competition rules .
	Prizes
	The first, second and third finalist will be rewarded with 1500€, 750€ and 250€, respectively.
	News
	21/01/2013 - New evaluator
	A new version of the evaluator has been uploaded . Please make sure that you use this latest version.

 MISTA 2013 | Contact 

ASP Competition 2014



- Model and Solve Track:
 - Permutation Pattern Matching
 - Valves Location Problem
 - Connected Maximum-density Still Life
 - Graceful Graphs
 - Bottle Filling Problem
 - Nomystery
 - Sokoban
 - Ricochet Robots
 - Crossing Minimization
 - Reachability
 - Strategic Companies
 - Solitaire
 - Weighted-Sequence Problem
 - Stable Marriage Search P Graph
 - Incremental Scheduling

SAT Competition

- solving Boolean satisfiability problems

The international SAT Competitions web page

Current competition

SAT 2013 competition											
Organizing committee	Adrian Balint, Anton Belov, Marj'n Heule and Matti Järvisalo										
Judges	Roberto Sebastiani, Karem A. Sakallah and Youssef Hamadi										
Proceedings	Descriptions of the solvers and benchmarks										
Benchmarks	Application, Hard combinatorial, Random										
Solvers											
	Application				Hard combinatorial			Random			
	Gold	Silver	Bronze	Gold	Silver	Bronze	Gold	Silver	Bronze		
	Core solvers										
SAT+UNSAT	Lingeling aqw	Lingeling 587f	ZENN 0.1.0	BreakIDGlucose 1	gluebit_clasp 1.0	glucose 2.3	CSHCrandMC	MIPSat random	sat_unsat	march vflp 1.0	
SAT	Lingeling aqw	ZENN 0.1.0	satUJK 48	glucose 2.3	gluebit_clasp 1.0	BreakIDGlucose 1	probsAT SC13	sattime2013 2013		Ncca+ V 1.0	
Certified UNSAT	glucose 2.3 (certified unsat)	glueminisat-cert-unsat 2.2.7j	Riss3g cert	Riss3g cert	glucose 2.3 (certified unsat)	fori drup-nocachestamp					
	Core solvers, Parallel										
SAT+UNSAT	Plingeling aqw	Treengeling aqw	PenLoPe 2013	Treengeling aqw	Plingeling aqw	pmsSAT 1.0					
	Minisat hack										
SAT+UNSAT	SINNminisat 1.0.0	minisat_bit 1.0	MiniGolf prefetch								
	Open track (multiple solver sources, mixed benchmarks)										
	CSHCpar8				MIPSat			GlucRed+March r531			

Angry Birds Competition

“The task of this competition is to develop an intelligent Angry Birds playing agent that is able to successfully play the game autonomously and without human intervention.”

