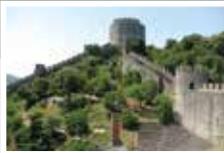


# ICLP'13



29<sup>th</sup> INTERNATIONAL CONFERENCE ON  
**LOGIC PROGRAMMING**  
24-29 AUGUST 2013 - ISTANBUL, TURKEY



## PROGRAM BROCHURE



Association for  
Logic Programming

Sabancı  
Üniversitesi



## Acknowledgements

The organisers of ICLP 2013 gratefully acknowledge support from



Association for  
 Logic Programming

Sabancı  
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Artificial  
 Intelligence

[www.elsevier.com/locate/artint](http://www.elsevier.com/locate/artint)

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## VENUES

The Conference will take place at the Armada Istanbul Old City Hotel. The Armada is located in the center of Old Istanbul, both easily accessible and an easy starting point for other destinations. The hotel is at the heart of Istanbul's historical peninsula with views of two of the most magnificent masterpieces of world architecture, Hagia Sophia and the Blue Mosque.

Address: Ahırkapı Sok. No:24, 34122 Sultanahmet, İstanbul / Türkiye  
Phone: + 90 212 455 44 55

The workshops and the Doctoral Consortium will take place Sabancı Üniversitesi Karaköy Communications Center.

Address: Minerva Palas, Bankalar Caddesi No: 2, 80020 Karaköy/İstanbul-Turkey  
Public Transportation Info: You can easily reach Sabancı Üniversitesi Karaköy Communications Center by taking the tram from the closest tram station from the conference venue; Sultanahmet to Karaköy (Direction: Kabataş).

## 29<sup>TH</sup> INTERNATIONAL CONFERENCE ON LOGIC PROGRAMMING

The Conference is organised by cooperation of Sabancı University and Association for Logic Programming (ALP).

## REGISTRATION

The registration desk is located at the hotel lobby for the conference days and at the workshop venue for the workshop days.

The registration desk is open for workshops;  
08:00- 18:00 on August 24-25.

The registration desk is open for conference;  
08:00-18:00 on August 26-28 and 08:00-13:00 on August 29.

## BREAKS

Coffee breaks are included in the registration:

Each morning 11:00- 11:30 • Each afternoon 16:00- 16:30

Lunch breaks are each day between 13:00 and 14:30.

Lunches are not included in the registration. You may find the list on page 18 for the restaurants close to the conference venue.

## CONFERENCE ROOMS

Main Meeting room; Barbaros and the parallel sessions room Reis is located at the Lobby floor where registration desk is located.

## CONFERENCE SPEAKERS

Speakers at the Workshops and the Conference are kindly requested to upload their presentation to the conference laptop before the start of their session.

## BANQUET

The Conference Banquet will take place on Sanzelize Boat on the Bosphorus departing from Kabatas port. There will be shuttle busses from Armada Hotel to the boat. The boat will depart at 19:30.

## COMMUNICATIONS

Turkey has three GSM operators, all of them offering 3G services and almost 95% coverage over the country. Internet service is available all around the country.

## DINING OUT

Istanbul is a culinary delight no matter what your budget. From simple workers' eateries and sidewalk cafes to posh culinary palaces with liveried waiters, Turkish cuisine is good and the value-for-money unbeatable. A typical Turkish dish generally consists of lamb, mutton, and veal with a variety of vegetables. Pilaf, all kinds of pastry, bulgur, haricot beans, rich olive oil, and vegetables are also common side dishes. Meatballs, shish kebab, and doner kebab are also classic dishes. Because of its coastal location, fish is also popular although it is usually cooked simply, such as grilled, or fried with olive oil and lemon juice.

Istanbul is the commercial and cultural centre of Turkey; and there are restaurants of many nationalities such as Korean, Russian, Italian, and Chinese. American-style fast-food outlets are becoming more popular, but for a quick snack it is more appropriate to fill up at the plethora of tiny takeaways offering kebabs and snacks. It is easy to sample good quality regional cuisine in typical small restaurants, usually at low cost, especially in the commercial and business areas.

## SHOPPING IN ISTANBUL

Famed as the City of a Thousand Colors and Fragrances, Istanbul is a paradise for shoppers. A large variety of traditional carpets, jewels, gold, and leather goods can be purchased on the street in the tourist areas, or one can visit the city's modern shopping malls where Turkish brand goods can be found. The shops are open from 8:00 to 21:00 from Monday to Saturday. The Grand Bazaar and Spice Bazaar open their gates at 8:00 and close at 19:00. The large shopping malls open from 10:00 to 22:00 seven days a week. Shops do not close for lunch.

## TIME ZONES

Turkey is two hours ahead of Greenwich Mean Time (GMT) and seven hours ahead of Eastern Standard Time (EST).

## BANKS AND CURRENCY EXCHANGE

In Turkey, the currency is the Turkish Lira (TL). Foreign currency can be exchanged at the airport as well as at private exchange offices which can be found throughout the city and are open from 8:30 to 20:00 hrs. In addition, Traveler's Cheques and Eurocheques can be cashed at the local banks which are open between 8:30 and 17:00 hrs. The major credit cards (such as Visa, MasterCard) are accepted in most Turkish restaurants and shops.

## ELECTRICITY

The electric current is 220V AC with a frequency of 50 Hertz. European standard plugs with two round pins are used.

## USEFUL NUMBERS

International Access Code: 90

International Code out of Turkey: 00

Tourism Office: 170

Police: 155

Ambulance: 112

Fire Services: 110

**General Co-Chairs:**

Esra Erdem Sabancı University  
Joohyung Lee Arizona State University

**Program Co-Chairs:**

Terrance Swift New University of Lisboa  
Evelina Lamma University of Ferrara

**Workshops Chair:**

Hans Tompits Vienna University of Technology

**Publicity Chair:**

Peter Schueller Sabancı University

**Doctoral Consortium:**

Marco Gavanelli University of Ferrara  
Martin Gebser University of Potsdam

**Prolog Programming Contest:**

Bart Demoen KU Leuven

**Program Committee:**

Elvira Albert Complutense University of Madrid  
Roberto Bagnara University of Parma & BUGSENG  
Gerhard Brewka Leipzig University  
Mats Carlsson Swedish Institute of Computer Science  
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C. R. Ramakrishnan Stony Brook University  
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Chiaki Sakama Wakayama University  
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Hans Tompits Vienna University of Technology  
Francesca Toni Imperial College London  
Paolo Torroni University of Bologna  
German Vidal Polytechnic University of Valencia  
David Warren Stony Brook University  
Jan Wielemaker University of Amsterdam  
Roland Yap National University of Singapore  
Jia-Huai You University of Alberta

**DC'13**

**DOCTORAL CONSORTIUM**

August 24, 2013

08:45-09:00

**DC opening**

09:00-11:00

**Session 1**

Benoit Desouter. *Implementing LP Systems with CP Techniques*  
Claudia Schulz. *Argumentation for Answer Set Programming and other non-monotonic reasoning systems (A Research Summary)*  
Johannes Klaus Fichte. *Backdoors to the Tractability of Answer Set Programming*  
Ari Saptawijaya. *Towards Computational Morality with Logic Programming*

11:00-11:30

**Coffee Break**

11:30-13:00

**Session 2**

Jorge Fandinno. *Algebraic Approach to Causal Logic Programs*  
Laura Titolo. *An Abstract Interpretation Framework for Verification of Timed Concurrent Constraint Languages*  
Sergio Castro. *LogicObjects: A Portable and Extensible Approach for Linguistic Symbiosis between an Object-Oriented and a Logic Programming Language*

13:00-14:30

**Lunch Break**

14:30-16:00

**Session 3**

Arne König. *Visualizing Answer Set Programming*  
Amelia Harrison. *The Semantics of Gringo and Proving Strong Equivalence*  
Fangkai Yang. *Representing Actions in Logic-based Languages*

16:00-16:30

**Coffee Break**

16:30-18:00

**Session 4**

Carmine Dodaro. *Engineering An Efficient Native ASP Solver*  
Michael Bartholomew. *The Role of Functions in the Stable Model Semantics*  
Roberto Amadini. *Evaluation and Application of Portfolio Approaches in Constraint Programming*

18:00

**DC closing**

**WG 17**

August 24, 2013

09:30- 10:00 Introductions and Approval of Minutes  
 10:00 -11:00 Prolog ``Prologue`` Ulrich Neumerkel  
 11:00-11:30 **Coffee Break**  
 11:30-13:00 Prolog ``Prologue`` Ulrich Neumerkel  
 13:00-14:30 **Lunch Break**  
 14:30-16:00 Corrigenda Ulrich Neumerkel  
 16:00-16:30 **Coffee Break**  
 16:30-18:00 DCGs Klauss Daessler

August 25th, 2013

09:30-11:00 DCGs Klauss Daessler  
 11:00-11:30 **Coffee Break**  
 11:30-13:00 Resolutions

**CICLOPS'13 COLLOQUIUM ON IMPLEMENTATION OF CONSTRAINT AND LOGIC PROGRAMMING SYSTEMS**

August 25,2013

09:30-10:00 Paul Tarau  
*A Prolog Specification of Giant Number Arithmetic*  
 10:00-10:30 David Warren  
*Interning Ground Terms in XSB*  
 10:30-11:00 Michael Hanus and Fabian Reck  
*A Generic Analysis Server System for Functional Logic Programs*  
 11:00-11:30 **Coffee Break**  
 11:30-12:00 Benoit Desouter and Tom Schrijvers  
*Integrating Datalog and Constraint Solving*  
 12:00-12:30 Igor Stéphan  
*Compilation for QCSP*  
 12:30-13:00 Danny Munera, Daniel Diaz and Salvador Abreu  
*Experimenting with X10 for Parallel Constraint Based Local Search*

**WLPE'13 WORKSHOP ON LOGIC-BASED METHODS IN PROGRAMMING ENVIRONMENTS**

August 24, 2013

14:30 **Opening**  
 14:35-15:30 WLPE Invited Talk  
 Samir Genaim.  
*Ranking Functions for Linear-Constraint Loops.*  
 15:30-16:00 Michael Codish , Yoav Fekete and Amit Metodi.  
*Compiling Finite Domain Constraints to SAT with BEE: the Director's Cut*  
 16:00-16:30 **Coffee Break**  
 16:30-17:30 Spyros Hadjichristodoulou, Donald E. Porter and David S. Warren.  
*Efficient Retrieving of Function Dependencies in the Linux Kernel using XSB.*  
 Alejandro Serrano, Pedro Lopez-Garcia and Manuel Hermenegildo.  
*Towards an Abstract Domain for Resource Analysis of Logic Programs using Sized Types.*

August 25,2013

14:30-16:00 Jan Wielemaker and Michael Hendricks.  
*Why It's Nice to be Quoted: Quasiquoting for Prolog.*  
 Carl Andersen, Brett Benyo, Miguel Calejo, Mike Dean, Paul Fodor, Benjamin Grosf, Michael Kifer, Senlin Liang and Terrance Swift.  
*Debugging and Profiling Rulelog Computations in Silk*  
 Dragan Ivanovic.  
*Implementing Constraint Handling Rules as a Domain-Specific Language Embedded in Java.*  
 16:00-16:30 **Coffee Break**  
 16:30-17:00 Marco Comini, Laura Titolo and Alicia Villanueva.  
*Towards an Effective Decision Procedure for LTL formulas with Constraints.*

**ASPOCP13 ANSWER SET PROGRAMMING AND OTHER COMPUTING PARADIGMS**

August 25, 2013

	<b>SEMANTICS</b>
09:00-09:30	Joost Vennekens. <i>Negation in the Head of CP-logic Rules</i>
09:30-10:00	Pedro Cabalar and Jorge Fandiño. <i>An Algebra of Causal Chains</i>
10:00-10:30	Amelia Harrison, Vladimir Lifschitz and Fangkai Yang. <i>On the Semantics of Gringo</i>
10:30-11:00	Mario Alviano and Wolfgang Faber. <i>Properties of Answer Set Programming with Convex Generalized Atoms</i>
11:00-11:30	<b>Coffee Break</b>
	<b>SOLVING AND MODEL COMPUTATION</b>
11:30-12:00	Michael Bartholomew and Joohyung Lee. <i>A Functional View of Strong Negation</i>
12:00-12:30	Yuliya Lierler and Mirosław Truszczynski. <i>Hybrid Abstract Modular Systems and Solvers</i>
12:30-13:00	Marcello Balduccini and Yuliya Lierler. <i>Hybrid Automated Reasoning Tools: from Black-box to Clear-box Integration</i>
13:00-14:30	<b>Lunch Break</b>
	<b>SYSTEMS</b>
14:30-15:00	Mutsunori Banbara, Martin Gebser, Katsumi Inoue, Torsten Schaub, Takehide Soh, Naoyuki Tamura and Matthias Weise. <i>Aspartame: Solving Constraint Satisfaction Problems with Answer Set Programming</i>
15:00-15:30	Martin Gebser, Philipp Obermeier and Torsten Schaub. <i>A System for Interactive Query-Answering with Answer Set Programming</i>
15:30-16:00	Stefan Ellmauthaler and Hannes Straß. <i>The DIAMOND System for Argumentation: Preliminary Report</i>
16:00-16:30	<b>Coffee Break</b>
	<b>ASP APPLICATIONS</b>
16:30-17:00	Canan Güniçen, Esra Erdem and Hüsnü Yenigün. <i>Generating Shortest Synchronizing Sequences Using ASP</i>
17:00-17:30	Vinay Chaudhri, Stijn Heymans, Son Cao Tran and Michael Wessel. <i>Query Answering in Object Oriented Knowledge Bases in Logic Programming: Description and Challenge for ASP</i>

**KRRR'13 KNOWLEDGE REPRESENTATION AND REASONING IN ROBOTICS**

August 25, 2013

08:45-09:00	<b>Welcome Remarks</b>
09:00-10:00	<b>Invited Talk</b>
10:00-10:30	Esra Erdem, Volkan Patoglu, and Peter Schueller <i>Levels of Integration between Low-Level Reasoning and Task Planning</i>
10:30-11:00	Przemyslaw A. Walega <i>Reasoning for Moving Blocks Problem: Formal Representation and Implementation</i>
11:00-11:30	<b>Coffee Break</b>
11:30-12:00	Emanuele Bastianelli, Domenico Bloisi, Roberto Capobianco, Guglielmo Gemignani, Luca Iocchi, and Daniele Nardi <i>Knowledge Representation for Robots through Human-Robot Interaction</i>
12:00-12:30	Damien J. Duff, Esra Erdem, and Volkan Patoglu <i>Integration of 3D Object Recognition and Planning for Robotics Manipulation: A Preliminary Report</i>
12:30-13:00	Benjamin Andres, Philipp Obermeier, Orkunt Sabancu, Torsten Schaub, and David Rajaratnam <i>ROSoClingo: A ROS Package for ASP-based Robot Control</i>
13:00-14:30	<b>Lunch Break</b>
14:30-15:00	Zeynep Dogmus, Esra Erdem, and Volkan Patoglu <i>ReAct! An Interactive Tool for Hybrid Planning in Robotics</i>
15:00-15:30	Martin E. Mueller and Madhura D. Thosar <i>Learning to Understand by Evolving Theories</i>
15:30-16:00	Megumi Fujita, Yuki Goto, Naoyuki Nide, Ken Satoh, and Hiroshi Hosobe <i>An Architecture for Autonomously Controlling Robot with Embodiment in Real World</i>
<b>16:00-16:30</b>	<b>Coffee Break</b>
16:30-17:00	Shiqi Zhang and Mohan Sridharan <i>Combining Answer Set Programming and POMDPs for Knowledge Representation and Reasoning on Mobile Robots</i>
17:00-17:30	Discussion

## Sunday, 25<sup>th</sup> August 2013

18:30–20:00 *Welcome Reception* in the Armada Hotel, Fountain Café area (lobby floor)

All ICLP plenary sessions are in room Barbaros;  
parallel sessions are in room Barbaros and room Reis.

## Monday, 26<sup>th</sup> August 2013

08:00–18:00 *Registration*

08:45–09:00 *ICLP2013 Opening*

*Opening address* by Prof. Dr. Nihat Berker, President of Sabanci University

09:00–10:00 **Invited talk I** *Chair: Evelina Lamma*

Pascal Hitzler. *Recent advances concerning OWL and Rules*

### Session 1: Datalog and Databases

*Chair: David Warren*

10:00–10:30 Mirjana Mazuran, Edoardo Serra and Carlo Zaniolo. *A Declarative Extension of Horn Clauses, and its Significance for Datalog and its Applications*

10:30–11:00 Georg Gottlob, Marco Manna and Andreas Pieris. *Combining Decidability Paradigms for Existential Rules*

11:00–11:30 **Coffee Break**

### Session 2: Semantics

*Chair: Gopal Gupta*

11:30–12:00 Vladimir Lifschitz and Fangkai Yang. *Lloyd-Topor Completion and General Stable Models*

12:00–12:30 Jia-Huai You, Heng Zhang and Yan Zhang. *Disjunctive Logic Programs with Existential Quantification in Rule Heads*

12:30–13:00 Michael Bartholomew and Joohyung Lee. *On the Stable Model Semantics with Intensional Functions*

13:00–14:30 **Lunch Break**

### Session 3: Analysis

*Chair: Manuel Hermenegildo*

14:30–15:00 Alejandro Arbelaez, Philippe Codognet and Charlotte Truchet. *Using Sequential Runtime Distributions for the Parallel Speedup Prediction of SAT f Local Search*

15:00–15:30 Senlin Liang and Michael Kifer. *A Practical Analysis of Non-Termination in Large Logic Programs*

15:30–16:00 Sergio Greco, Cristian Molinaro and Irina Trubitsyna. *Logic Programming with Function Symbols: Checking Termination of Bottom-up Evaluation Through Program Adornments*

16:00–16:30 **Coffee Break**

### Session 3 (cont.): Analysis

*Chair: Manuel Hermenegildo*

16:30–17:00 Elvira Albert, Maria Garcia de La Banda, Miguel Gomez-Zamalloa, José Miguel Rojas and Peter Stuckey. *A CLP Heap Solver for Test Case Generation*

17:00–17:30 **Best Doctoral Consortium Presentation** *Chair: Martin Gebser*

17:30–18:30 **ALP Meeting**

## Tuesday, 27<sup>th</sup> August 2013

09:00–10:00 **Invited talk II** *Chair: Esra Erdem*

Torsten Schaub. *Experiencing Answer Set Programming at Work, Today and Tomorrow*

### Session 4: ASP & solvers

*Chair: Bart Demoen*

10:00–10:30 Rehan Aziz, Geoffrey Chu and Peter Stuckey. *Stable Model Semantics for Founded Bounds*

10:30–11:00 Mario Alviano and Rafael Peñaloza. *Fuzzy answer sets approximations*

11:00–11:30 **Coffee Break**

### Session 5: Non-Monotonic Reasoning & Knowledge Representation

*Chair: Jia-Huai You*

11:30–12:00 Michael Maher. *Relative Expressiveness of Defeasible Logics II*

12:00–12:30 Jon Sneyers, Daniel De Schreye and Thom Fruehwirth. *Probabilistic Legal Reasoning in CHRISM*

12:30–13:00 Rolf Schwitler. *The Jobs Puzzle: Taking on the Challenge via Controlled Natural Language Processing*

13:00–14:15 **Lunch Break**

## ICLP Technical Communications – Parallel Sessions

### TechComm 1: Knowledge Representation & Reasoning, Events and Actions

*Chair: Michael Fink*

Dimitar Shterionov, Theofrastos Mantadelis and Gerda Janssens. *Pattern-Based Compaction for ProbLog Inference*

Lenz Belzner. *Action Programming In Rewriting Logic*

Ana Sofia Gomes and Jose Julio Alferes. *Extending Transaction Logic with External Actions*

Dalal Alrajeh, Rob Miller, Alessandra Russo and Sebastian Uchitel. *Reasoning about Triggered Scenarios in Logic Programming*

Pieter Van Hertum, Joost Vennekens, Bart Bogaerts, Jo Devriendt and Marc Denecker. *The effects of buying a new car: an extension of the IDP Knowledge Base System*

Paulo Shakarian, Gerardo Simari and Devon Callahan. *Reasoning about Complex Networks: A Logic Programming Approach*

Viviana Mascardi and Davide Ancona. *Attribute Global Types for Dynamic Checking of Protocols in Logic-based Multiagent Systems*

### TechComm 2: Analysis & Transformation, Constraint Processing & SAT

*Chair: John Gallagher*

Alejandro Serrano, Pedro Lopez-Garcia, Francisco Bueno and Manuel Hermenegildo. *Sized Type Analysis for Logic Programs*

Lunjin Lu. *Towards Parametrizing Logic Program Analysis: Two Examples*

Amira Zaki, Thom Fruehwirth and Slim Abdennadher. *Towards Inverse Execution of Constraint Handling Rules*

Michael Hanus. *Adding Plural Arguments to Curry Programs*

Vivek Nigam, Giselle Reis and Leonardo Lima. *Checking Proof Transformations with ASP*

Said Jabbour, Lakhdar Sais and Yakoub Salhi. *A Pigeon-Hole Based Encoding of Cardinality Constraints*

Amir Aavani, Eugenia Ternovska and David Mitchell. *Problem Solving with the Enfrago System*

16:00-16:30 **Coffee Break**

**ICLP Technical Communications – Parallel Sessions**

16:30-18:00 **TechComm 3: ASP-based Systems, Systems & Tools**

*Chair: Joohyung Lee*

Tony Ribeiro, Katsumi Inoue and Gauvain Bourgne. *Combining Answer Set Programs for Adaptive and Reactive Reasoning*  
Arne Koenig and Torsten Schaub. *Monitoring and Visualizing Answer Set Solving*  
Jianmin Ji, Fangzhen Lin and Jia-Huai You. *Computing Loops with at Most One External Support Rule for Basic Logic Programs with Arbitrary Constraint Atoms*  
Saadat Anwar, Chitta Baral and Katsumi Inoue. *Encoding Petri Nets in Answer Set Programming for Simulation Based Reasoning*  
Marcello Balduccini and Yuliya Lierler. *Integration Schemas for Constraint Answer Set Programming: a Case Study*  
Edison Mera and Jan Wielemaker. *Porting and refactoring Prolog programs: the PROSYN case study*

16:30-18:00 **TechComm 4: Datalog & Databases, Non-Monotonic Reasoning, Semantics**

*Chair: Hans Tompits*

Werner Nutt, Sergey Paramonov and Ognjen Savkovic. *An ASP Approach to Query Completeness Reasoning*  
Vinay Chaudhri, Stijn Heymans, Son Tran and Michael Wessel. *Object-Oriented Knowledge Bases in Logic Programming*  
Claudia Schulz and Francesca Toni. *ABA-Based Answer Set Justification*  
Ari Saptawijaya and Lui-s Moniz Pereira. *Tabled Abduction in Logic Programs*  
Vernon Asuncion, Yan Zhang, Heng Zhang and Yi Zhou. *Constructive Circumscription*  
Davide Ancona and Agostino Dovier. *co-LP: Back to the Roots*

18:00-20:15 **Prolog Programming Contest**

**Wednesday, 28<sup>th</sup> August 2013**

09:00-10:00 **Invited talk III** *Chair: Torsten Schaub*  
Hans van Ditmarsch. *Dynamic Epistemic Logic and Lying*

**Session 6: Knowledge Representation & Reasoning**

*Chair: C.R. Ramakrishnan*

10:00-10:30 Broes De Cat and Maurice Bruynooghe. *Detection and Exploitation of Functional Dependencies For Model Generation*  
10:30-13:00 Joachim Jansen, Gerda Janssens and Albert Jorissen. *Compiling Input FO(-) Inductive Definitions into Tabled Prolog Rules for IDP3*

11:00-11:30 **Coffee Break**

11:30-13:00 **The most influential ICLP papers from 10 and 20 years ago**

*Chair: Terrance Swift*

13:00-14:30 **Lunch Break**

**Session 7: Applications**

*Chair: Marco Gavanelli*

14:30-15:00 Roland Kaminski, Torsten Schaub, Anne Siegel and Santiago Videla. *Minimal Intervention Strategies in Logical Signaling Networks with Answer Set Programming*  
15:00-15:30 Mutsunori Banbara, Takehide Soh, Naoyuki Tamura, Katsumi Inoue and Torsten Schaub. *Answer Set Programming as a Modeling Language for Course Timetabling*  
15:30-16:00 Esra Erdem, Volkan Patoglu, Zeynep Gozen Saribatur, Peter Schüller and Tansel Uras. *Finding Optimal Plans for Multiple Teams of Robots through a Mediator: A Logic-Based Approach*

16:00-16:30 **Coffee Break**

**Session 8: Implementations**

*Chair: Elvira Albert*

16:30-17:00 Tom Schrijvers, Bart Demoen, Benoit Desouter and Jan Wielemaker. *Delimited Continuations for Prolog*  
17:00-17:30 Graeme Gange, Jorge A. Navas, Peter Schachte, Harald Sondergaard and Peter J. Stuckey. *Failure Tabled Constraint Logic Programming by Interpolation*  
17:30-18:00 Paul Tarau. *Compact Serialization of Prolog Terms (with Catalan Skeletons, Cantor Tupling and Goedel Numberings)*

19:00 *Departure from the Armada Hotel towards a boat on the Bosphorus for* **Conference Banquet**  
Banquet speaker: Vladimir Lifschitz

**Thursday, 29<sup>th</sup> August 2013**

- 09:00-10:00 **Invited talk IV**  
*Chair: Michael Kifer*  
 C. R. Ramakrishnan. Probabilistic *Tabled Logic Programming with Application to Model Checking*
- Session 9: Multi-Agent Systems & Business Processes**  
*Chair: Michael Codish*  
 10:00-10:30 Jiefei Ma, Frank Le, David Wood, Alessandra Russo and Jorge Lobo. *A declarative approach for distributed computing: specification, execution and analysis*  
 10:30-11:00 Laura Giordano, Alberto Martelli, Matteo Spiotta and Daniele Theseider Dupre'. *Business Process Verification with Constraint Temporal Answer Set Programming*  
 11:00-11:30 **Coffee Break**
- Session 10: Systems & Tools**  
*Chair: Jan Wielemaker*  
 11:30-12:00 Paula-Andra Busoniu, Johannes Oetsch, Jörg Pührer, Peter Skocovský and Hans Tompits. *SeaLion: An Eclipse-based IDE for Answer-Set Programming with Advanced Debugging Support*  
 12:00-12:30 Marcello Balduccini. *ASP with non-Herbrand Partial Functions: a Language and System for Practical Use*  
 12:30-13:00 Vítor Santos Costa and David Vaz. *BigYAP: Exo-compilation meets UDI*
- 13:00 **ICLP 2013 Closing Session**

**WELCOME RECEPTION**

Sunday, 25<sup>th</sup> August 2013  
 Welcome Reception (All registered attendees welcome)  
 Time: 18:30 - 20:00  
 Location: Armada Istanbul Old City Hotel



**GALA DINNER**

Wednesday, 28<sup>th</sup> August 2013  
 Gala Dinner (Ticket required)  
 Time: 19:30 - 24:00  
 Location: Sanelize Boat on the Bosphorus



**McDonald's (A)**

As it is all over the world McDonald's primarily sells hamburgers, cheeseburgers, chicken, french fries, breakfast items, soft drinks, milkshakes and desserts.

**Tarihi Sultanahmet Köftecisi (B)**

Some of the most highly regarded are served on a simple menu—meatballs, lamb kebab, piyaz (boiled white beans in olive oil) and salad—that has remained virtually unchanged since 1920.

**Sultanahmet Fish House (C)**

Fairly priced seafood and the mainly seafood mezes include sardines, octopus and mackerel in olive oil, while mains comprise a range of fish and a few kebabs; sea bass with saffron, cooked in a terracotta casserole, is a particular standout.

**Khorasani Restaurant (D)**

Delicious mezes like hummus, muhammara (hot pepper and walnut spread) and thyme salad, as well as unusual mains that include quail kebab and a pistachio kebab made with both lamb and beef.

**Rumeli Restaurant (E)**

Specialties from Turkish and Armenian communities, such as papaz yahnisi, a Byzantine stew of lamb, potatoes and pumpkin cooked in a terra-cotta dish. International dishes include a variety of salads, pastas, and steaks.

**Mozaik Restaurant (F)**

Turkish specialties are served alongside salads, pastas, schnitzel, steak, and even a few Asian dishes, and in summer seating spills out into the alley beside the restaurant.

**Magnaura Restaurant (G)**

Particularly notable are the steaks—the Marble Steak is grilled and served with flaming cognac, while the Bogazici Steak is marinated with vegetables in a terra-cotta pot.

**Tarihi Çeşme Restaurant (H)**

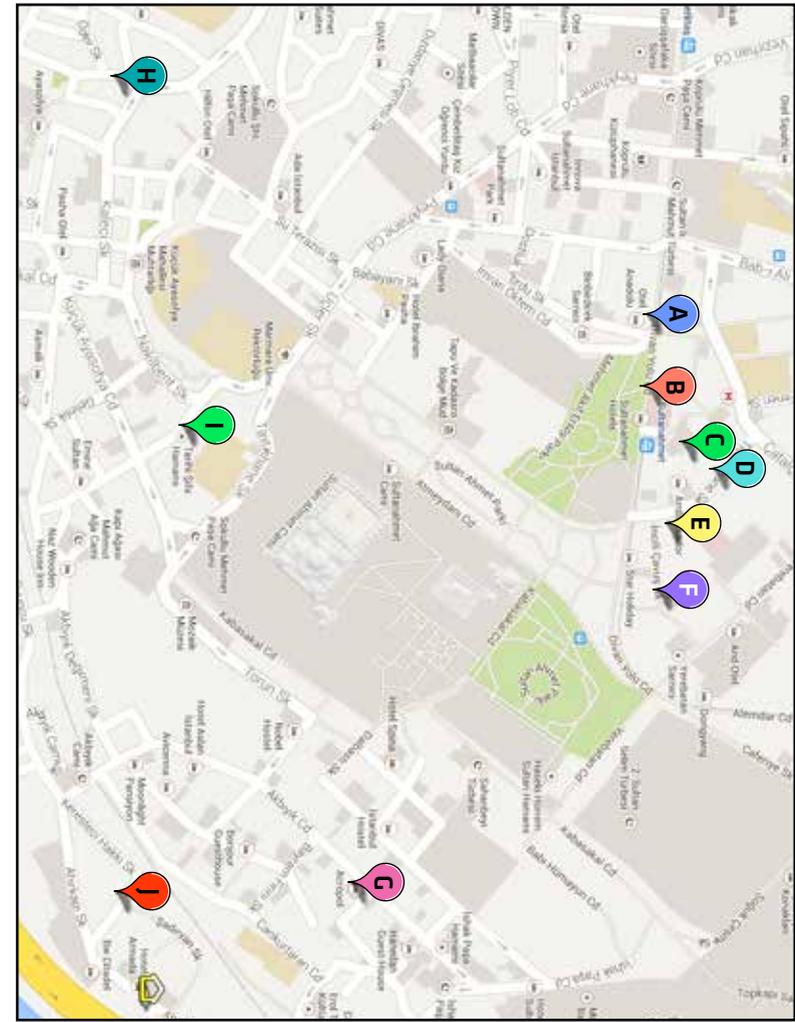
The menu includes an excellent range of mezes and kebabs as well as pide or flatbread baked with different toppings—the Turkish version of pizza.

**Doy Doy Restaurant (I)**

A variety of kebabs and pide, a type of Turkish pizza baked in a wood-burning oven with different toppings are served and the lunchtime specials including vegetable stew, meatballs, eggplant and meat moussaka.

**Girtli Restaurant (J)**

The food is outstanding, with an enormous selection of delicious mezes like sea bass ceviche, herb-covered cubes of feta cheese with walnuts and green onion, perfectly grilled calamari, followed by freshly caught fish.



**RESTAURANTS ON ISTANBUL MAP**

- A** Mc Donald's
- B** Tarihi Sultanahmet Köftecisi
- C** Sultanahmet Fish House
- D** Khorasani Restaurant
- E** Rumeli Restaurant
- F** Mozaik Restaurant
- G** Magnaura Restaurant
- H** Tarihi Çeşme Restaurant
- I** Doy Doy Restaurant
- J** Girtli Restaurant

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# ICLP'13



29<sup>TH</sup> INTERNATIONAL CONFERENCE ON  
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