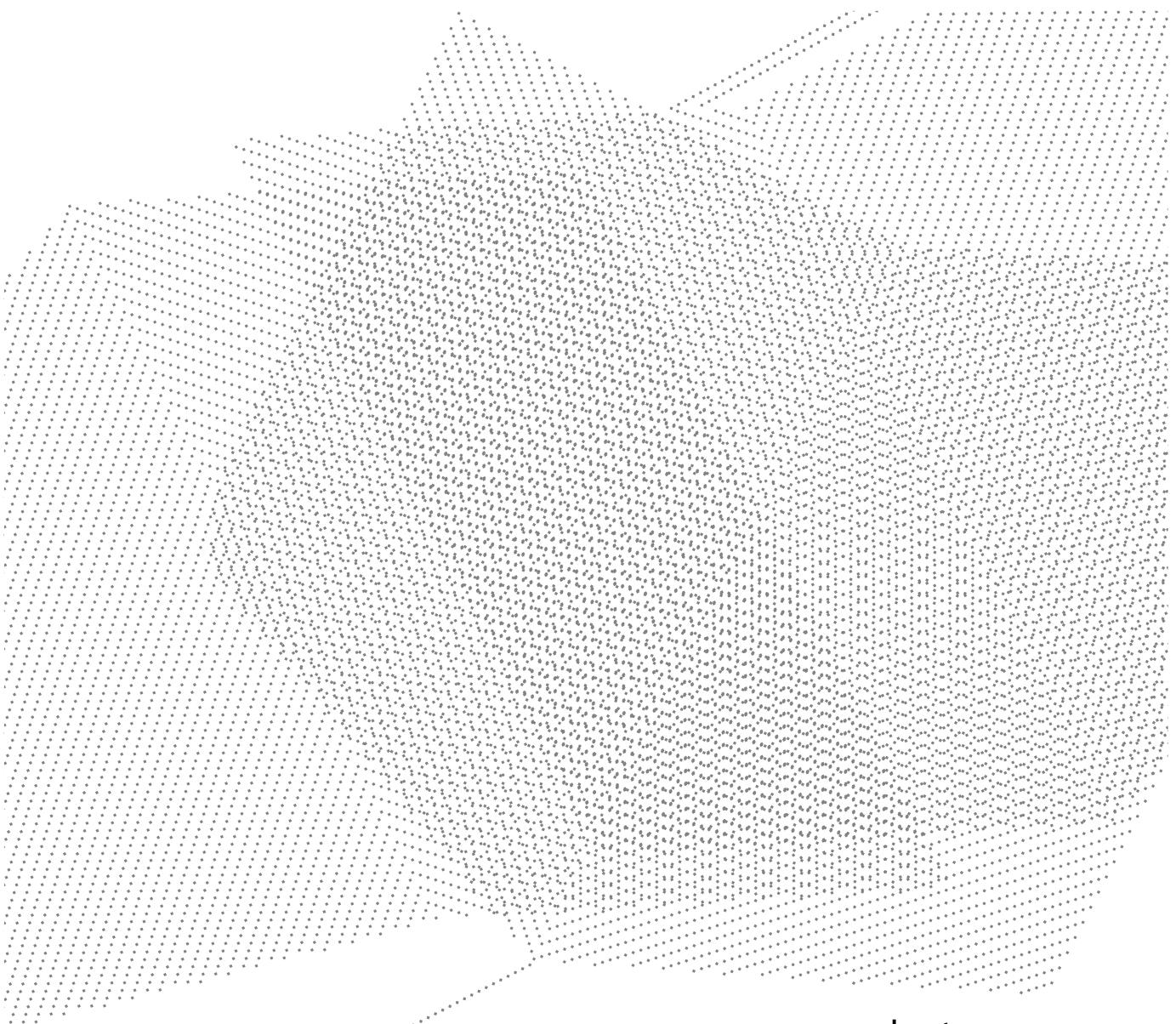


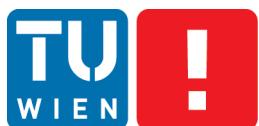


Vienna Center for Logic and Algorithms

Annual Report 2013/2014



www.vcla.at



FAKULTÄT
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Faculty of Informatics



Vienna Center for
Logic and Algorithms



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About VCLA

The Vienna Center for Logic and Algorithms (VCLA) is a globally unique competence center in the field of logic and algorithm research. It was founded in September 2011 and officially opened in January 2012 in the presence of the rector of the Vienna University of Technology Sabine Seidler and Turing Award laureate Edmund M. Clarke.



Helmut Veith and Stefan Szeider, founders and co-chairs of the VCLA

(c) Nadja Meister / VCLA

The VCLA aims to promote international scientific collaboration in logic and algorithms and communicate Austria's excellence in these two areas of computer science research. These objectives are realized through various activities, such as

- the VCLA Workshop Series
- the VCLA Schools, a series of winter and summer schools
- the VCLA Visitor Program
- the hosting of talks by renowned international speakers, and
- the co-organisation of events, such as the Vienna Summer of Logic 2014

The scientific program 2011-2014 focused on

- Constraint Satisfaction
- Verification of Hardware and Software, and
- Knowledge Representation

Organization

The VCLA is managed by a local board in collaboration with an international advisory board. The local board is responsible for day-to-day management and consults with the advisory board about strategic decisions.

Board

Thomas Eiter
Georg Gottlob
Alexander Leitsch
Reinhard Pichler
Stefan Szeider (co-chair)
Helmut Veith (co-chair)

Advisory Board

Matthias Baaz (TU Vienna)
Roderick Bloem (TU Graz)
Agata Ciabattoni (TU Vienna)
Nadia Creignou (Université d'Aix-Marseille)
Anuj Dawar (Univ. of Cambridge)
Fedor Fomin (Univ. of Bergen)
Laura Kovács (Chalmers University)
Miroslaw Truszczyński (Univ. of Kentucky)
Moshe Y. Vardi (Rice Univ.)

Public Relations and Project Management

Katarina Singer

Collaborations

The VCLA frequently collaborates with the following institutions, all of which also provide co-financing for various events and activities:

- Institute of Discrete Mathematics and Geometry at TU Vienna
- Kurt Gödel Society (KGS)
- Austrian Society for Rigorous Systems Engineering (ARiSE)
- Wolfgang Pauli Institute (WPI)
- Institute of Science and Technology Austria (IST Austria)

Logic and Algorithm Groups

The Center is hosted by four research groups at the Faculty of Informatics:

- DBAI - Database and Artificial Intelligence Group
- KR - Knowledge-Based Systems Group
- FORSYTE - Formal Methods in Systems Engineering
- Logic & Theory Group

Activities

Vienna Summer of Logic 2014

With over 2100 participants, the Vienna Summer of Logic 2014 (VSL) was the largest event in the history of logic. It consisted of twelve large conferences and 81 workshops, attracting researchers from all over the world.

The VSL was organised by the Kurt Gödel Society, with a local organization committee which included several members of the DBAI, KR and FORSYTE groups at the Institute of Information Systems and members of the Logic & Theory Group at the Institute of Computer Languages.

VSL welcomed five invited speakers:

- Franz Baader, TU Dresden (VSL keynote speaker)
- Edmund M. Clarke, Carnegie Mellon University (VSL keynote speaker)
- Christos Papadimitriou, University of California, Berkeley (VSL keynote speaker)
- Dana Scott, Carnegie Mellon University (VSL opening talk)
- Alex Wilkie, University of Manchester (VSL keynote speaker)

The VSL conferences and workshops dealt with the main theme, logic, from three important aspects: logic in computer science, mathematical logic and logic in artificial intelligence. Over 1700 academic talks were accompanied by a rich program offering panel discussions, an exhibition, and public lectures. The VSL was also the site of the first Olympic Games of Logic and the award ceremony for the prestigious Kurt Gödel Research Prize Fellowships.

The impact of the VSL speaks of great success: Not only was the Vienna Summer of Logic an exceptionally large academic gathering in computer science, it directed a significant amount of public attention to logic research as well.

Website: <http://vsl2014.at/>



Activities (cont'd)

Vienna Summer of Logic 2014: Organization	
Matthias Baaz (Vienna University of Technology)	VSL Chair, VCLA Advisory Board Member
Thomas Eiter (Vienna University of Technology)	VSL Co-Chair, VCLA Board Member
Helmut Veith (Vienna University of Technology)	VSL Co-Chair, VCLA Co-Chair
Vesna Sabljakovic-Fritz (IJCAI)	VSL Organization Chair
Agata Ciabattoni (Vienna University of Technology)	VCLA Advisory Board Member
Georg Gottlob (Vienna University of Technology, Oxford University)	VCLA Board Member
Thomas Henzinger (IST Austria)	
Alexander Leitsch (Vienna University of Technology)	VCLA Board Member
Stefan Szeider (Vienna University of Technology)	VCLA Co-Chair

Organization Committee

Florian Aigner (Vienna University of Technology)	Oliver Lehmann (IST Austria, Austrian Association of Education and Science Journalists)
Harald Beck (Vienna University of Technology)	Nysret Musliu (Vienna University of Technology)
Katinka Böhm (Vienna University of Technology)	Thomas Pani (Vienna University of Technology)
Barbara Dolezal-Rainer (Vienna University of Technology)	Anna Petukhova (Vienna University of Technology)
Chris Fermüller (Vienna University of Technology)	Markus Pichlmair (Vienna University of Technology)
Sy David Friedman (University of Vienna)	Toni Pisjak (Vienna University of Technology)
Ursula Gerber (IST Austria)	Norbert Preining (Japan Advanced Institute for Science and Technology)
Bernhard Gramlich† (Vienna University of Technology)	Gernot Salzer (Vienna University of Technology)
Franziska Gusel (Vienna University of Technology)	Martina Seidl (JKU Linz)
Elisabeth Hofmann (Vienna University of Technology)	Matthias Schlögel (Vienna University of Technology)
Jakob Kellner (University of Vienna)	Katarina Singer (Vienna University of Technology, VCLA PR manager)
Konstantin Korovin (University of Manchester)	Daniel Weller (Vienna University of Technology)
Laura Kovács (Chalmers University)	Richard Zach (University of Calgary)

Activities (cont'd)

Streams within the Vienna Summer of Logic 2014

Federated Logic Conference (FLoC) / Logic in Computer Science	
Helmut Veith (Vienna University of Technology)	Chair, VCLA Co-Chair
Matthias Baaz (Vienna University of Technology)	Co-Chair, VCLA Advisory Board Member
Moshe Y. Vardi (Rice University)	FLoC General Chair, VCLA Advisory Board Member
Stefan Szeider (Vienna University of Technology)	Workshop Chair, VCLA Co-Chair
Azadeh Farzan (University of Toronto)	Student Support Program
Thomas Krennwallner (Vienna University of Technology)	Olympic Games / Competition Chair
Stefan Rümmele (Vienna University of Technology)	Workshop Co-Chair

Mathematical Logic	
Matthias Baaz (Vienna University of Technology)	Chair, VCLA Advisory Board Member
Agata Ciabattoni (Vienna University of Technology)	Co-Chair, VCLA Advisory Board Member
Stefan Hetzl (Vienna University of Technology)	Co-Chair

Logic in Artificial Intelligence	
Thomas Eiter (Vienna University of Technology)	Chair, VCLA Board Member
Michael Fink (Vienna University of Technology)	Co-Chair
Stefan Woltran (Vienna University of Technology)	Co-Chair

More information about the Vienna Summer of Logic is available in the Appendix and at <http://vsl204.at>.

Activities (cont'd)

SAT/SMT Summer School

The SAT/SMT Summer School took place from July 10-12, 2014 in Semmering, Austria and had 81 participants. The target audience of this annual summer school are young researchers working on automated decision procedures and their applications. The program comprised a systematic introduction into Satisfiability Solving (SAT) and Satisfiability Modulo Theories (SMT), extensions such as parallel SAT solving and Craig interpolation, as well as applications such as security and verification. A detailed program including abstracts and slides of the talks is available on the web page of the summer school (<http://satsmt2014.forsyte.at/program>).

Organizing Committee

Clark Barret (New York University)

Pascal Fontaine (INRIA)

Dejan Jovanovic (SRI USA)

Georg Weissenbacher (Vienna University of Technology)

The summer school was supported by the SAT Association, the Government of Lower Austria, RiSE, the INRIA Formation, Microsoft and T-Mobile.

Group photo of the participants and organizers (c) Daniel Schwartz-Narbonne



Invited Speakers and Visitors

More than twenty talks by speakers from countries across the world have been hosted by the VCLA during the past year. An online listing with abstracts is available at <http://www.vcla.at/category/talks/>

M. S. Ramanujan (University of Bergen): Solving d-SAT via backdoors to small tree-width

Ringo Baumann (University of Leipzig): Context-free and Context-sensitive Kernels: Update and Deletion Equivalence in Abstract Argumentation

EunJung Kim (Université Paris Dauphine): A parameterized algorithm for tree-cut width.

Jeff Z. Pan (University of Aberdeen): Approximate Reasoning for Description Logics based Ontologies

Sebastian Ordyniak (Masaryk University Brno): A more general approach for Backdoor Sets into SAT and CSP

Anthony Widjaja Lin (University of Edinburgh): A linear-time algorithm for the orbit problem over cyclic groups

Gábor Erdélyi (Universität Siegen): Algorithms and Elections

Massimiliano Giacomin (Università degli Studi di Brescia): An input/output characterization of abstract argumentation frameworks and semantics

Jakob Lechner (Vienna University of Technology): Mitigation of Transient Faults and Timing Variations in GALS Circuits

Son Cao Tran (New Mexico State University): Combining ASP and Prolog

M. S. Ramanujan (University of Bergen): Parameterized Algorithms to Preserve Connectivity

Matthias Mnich (Universität Bonn): A Complexity Dichotomy for the Steiner Multicut Problem

Franz Wotawa (Graz University of Technology): Test automation – How far shall we go?

Adam Rogalewicz (Brno University of Technology): The Tree Width of Separation Logic with Recursive Definitions

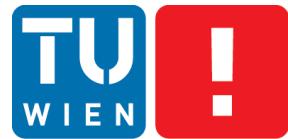
Mira Mezini (Technische Universität Darmstadt): From Active to Reactive Objects

Petr Rockai (Masaryk University Brno): Explicit State Model Checking with DIVINE

George Metcalfe (University of Bern): Proof Theory for Lattice-Ordered Groups



Vienna Center for
Logic and Algorithms



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Invited Speakers and Visitors (cont'd)

More than twenty talks by speakers from countries across the world have been hosted by the VCLA during the past year. An online listing with abstracts is available at <http://www.vcla.at/category/talks/>

Esko Turunen (Tampere University of Technology): Pavelka style fuzzy logic over Chang's MV-algebra

Alfons Laarman (Vienna University of Technology): Multi-Core Model Checking

Pedro Calabar (University of La Corunna): Setting the stage for ASP functions

Aniello Murano (Università degli Studi di Napoli Federico II): Enriched Modal Logics

Meghyn Bienvenu (Université Paris Sud): Inconsistency-tolerant semantics for ontology-based data access

Media Coverage

From September 2013 until September 2014, the VCLA concentrated its efforts on the co-organisation of the unique co-location of conferences and workshops, the Vienna Summer of Logic 2014. The media coverage before, during and after the VSL comprised more than 50 articles. One of the most important achievement was a cover story in the Austrian current affairs magazine “profil”. The following is merely a selection - please see <http://vsl2014.at/media-coverage/> for the full list.

Disclaimer: The linked texts and audio files below are property of the respective publisher.
No copyright infringement is intended.

6/9/2014

Online article on derstandard.at (German)
[Logische Olympionikin](#)
(The Logic Olympian)

18/8/2014

Online article on WienerZeitung.at (German)
[“Forschungsgelder haben kein Mascherl”](#)
(“Research funds do not have a pre-determined allocation”)

31/7/2014

Article in Communications of the ACM
[Specialists Gather in Praise of Logic](#)

26/7/2014

Article in Kurier (German) – print only
Die ersten Olympischen Spiele der Denker in TU Wien sind zu Ende
(The first Olympic Games of thinkers at TU Vienna come to an end)

24/7/2014

Online article on diestandard.at (German)
[Wiener Logik-Sommer: Die Lösung fragt nicht nach dem Geschlecht](#)
(Viennese Logic Summer: The solution does not ask about gender)

Online article on science.apa.at (German)
[Der Vienna Summer of Logic geht zu Ende](#)
(The Vienna Summer of Logic comes to an end)

24/7/2014

Online article on science.apa.at (German)
[Wiener Logik Sommer: Frauen als “Role Models”](#)
(Viennese Logic Summer: Women as role models)

Online article on science.orf.at (German)
[Vienna Summer of Logic: Die Lösung fragt nicht nach dem Geschlecht](#)
(Vienna Summer of Logic: The solution does not ask about gender)

23/7/2014

Online article on nachrichten.at (German)
[Linzer Informatiker gewann sechs Medaillen bei Logik-Olympiade](#)
(Computer scientist from Linz won six medals at Olympic Games of Logic)

Article in Wiener Zeitung (German) – print only
[Logischer Erfolg](#)
(Logical success)

22/7/2014

Radio report on Ö1 (English/German)
[Gödel googelt. Wie logisch ist die digitale Welt?](#)
(Gödel googles. How logical is the digital world?)

Newspaper article in Der Standard (German)
[Österreicher holen bei Olympischen Spielen der Logik 13 Medaillen](#)
(Austrians win 13 medals at Olympic Games of Logic)

Media Coverage (cont'd)

22/7/2014

Newspaper article in Kronen Zeitung (German)
[Olympischen Spiele der Logik: Erfolg für Österreich](#)
 (Olympic Games of Logic: Success for Austria)

Online article on science.apa.at (German)
[Linzer Erfolg bei Olympischen Spielen der Logik](#)
 (Linz success at the Olympic Games of Logic)

Online article on futurezone.at (German)
[Österreicher bei Olympischen Spielen der Logik erfolgreich](#)
 (Austrians successful at the Olympic Games of Logic)

Online article on science.apa.at (German)
[Preise für die Stars der Logik](#)
 (Award for the stars of logic)

Online article on science.apa.at (German)
[Computer-Olympiade in Wien: „Logischer Sieg“ für die JKU](#)
 (Computer Olympic Games in Vienna: „logical victory“ for the JKU)

TV announcement on ORF2 / Wien heute (German)
 Im Rahmen der Konferenz „Summer of Logic“ lädt die Akademie der bildenden Künste zu einer Ausstellung über Kurt Gödel ein.
 (As a part of the conference „Summer of Logic“, the Academy of Fine Arts Vienna presents an exhibition about Kurt Gödel)

19/7/2014

Newspaper article in Süddeutsche Zeitung (German)
[„Logik ist mächtig“](#)
 („Logic is powerful“)

16/7/2014

Newspaper article in Der Standard (German)
[„Dieser Algorithmus braucht Sex“](#)
 („This algorithm needs sex“)

15/7/2014

Newspaper article in Die Presse (German)
[Gödels Tiefe und Weltfremdheit](#)
 (Gödel's depth and worldly innocence)

Online article on UNI.at (German)
[Papadimitriou: „Logik als Liebesgeschichte“](#)
 (Papadimitriou: “Logic as a love story”)

11/7/2014
 Newspaper article in Wiener Zeitung (German)
[“Der Computer ist ein Preuße”](#)
 (“The computer is Prussian”)

10/7/2014
 Newspaper article in Der Standard (German)
[Ausstellung über Kurt Gödel: Die Logik der Unvollständigkeit](#)
 (Kurt Gödel Exhibition: The logic of incompleteness)

Newspaper article in Der Standard (German)
[Wie die Kunst zur Logik kam](#)
 (How art came to logic)

Online article on science.apa.at (German)
[VSL: Renommierte Logikforscher geben einander die Klinke in die Hand](#)
 (VSL: Renowned logic researchers gather together)

9/7/2014

Radio report on FM4 (English/German)
[Vienna Summer of Logic](#) (scroll down on website)

Online article on science.orf.at (German)
[Das Revival der Wiener Logik](#)
 (The revival of Viennese logic)

Newspaper article in Der Standard (German)
[Der Kongress denkt: Österreich ist wieder logisch](#)
 (The Congress thinks: Austria is logical again)

Media Coverage (cont'd)



Austrian logicians (from left to right): Matthias Baaz, Stefan Hetzl, Krishnendu Chatterjee, Alex Leitsch, Stefan Szeider, Georg Weissenbacher, Florian Zuleger, Thomas Eiter, Ekaterina Fokina, Roderick Bloem, Hans Tompits, Daniel Weller, Tom Henzinger, Sy David Friedman, Madgalena Ortiz, Michael Fink, Nysret Musliu, René Thomann, Helmut Veith, Agata Ciabattoni, Stefan Woltran
(c) Philipp Horak



Coverstory in profil magazine
(c) VCLA

7/7/2014

Cover story in Profil magazine (German)
Logik, die wichtigste Wissenschaft der Welt
(Logic, the most important science in the world)

Online article on science.orf.at (German)
“Sommer der Logik” beginnt
(“Summer of Logic” begins)

Newspaper article in Der Standard (German)
VSL: Die Olympischen Spiele der Logik – Informatik ganz sportlich
(VSL: The Olympic Games of Logic – sporty computer science)

Newspaper article in Tiroler Tageszeitung Online (German)
Der „Vienna Summer of Logic“ soll Neugier auf Logik wecken
(The “Vienna Summer of Logic” aims to inspire curiosity about logic)

Media Coverage (cont'd)

7/7/2014

Newspaper article in Der Standard (German)
Eine Komposition zu Ehren Kurt Gödels
 (A composition in honour of Kurt Gödel)

Newspaper article in Kurier (German)
Erste Olympische Spiele der Logik in Wien
 (First Logic Olympic Games in Vienna)

Online article on futurezone.at (German)
Erste Olympische Spiele der Logik in Wien
 (First Logic Olympic Games in Vienna)

Online article on science.apa.at (German)
“Vienna Summer of Logic”: Logik in Wien als Come-back-Story
 (“Vienna Summer of Logic”: Logic in Vienna as a comeback story)

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Der “Vienna Summer of Logic” soll Neugier auf Logik wecken
 (The “Vienna Summer of Logic” aims to inspire curiosity about logic)

Online article on science.apa.at (German)
VSL: Die Olympischen Spiele der Logik – Informatik ganz sportlich
 (VSL: The Olympic Games of Logic – sporty computer science)

5/7/2014

Newspaper article in Die Presse (German)
Wort der Woche
 (Word of the week)

4/7/2014

Online article on science.orf.at (German)
Die ersten Olympischen Spiele der Logik
 (The first Olympic Games of Logic)

Newspaper article in Wiener Zeitung (German)
Olympische Zahlenspiele
 (Olympic number games)

4/7/2014

Article in Format magazine (German) – print only
Sommer in Wien: Eine Frage der Logik
 (Summer in Vienna: A question of logic)

2/7/2014

Announcement in Falter 27/14 (German) - print only
 Falter Zoo: “Logik-WM” im “Summer of Logic”
 (“Logic World Championship” at “Summer of Logic”)

Announcement in Der Standard (German) – print only
Olympische Spiele der Logik
 (Olympic Games of Logic)

1/7/2014

Online article on science.apa.at (German)
Die ersten Olympischen Spiele der Logik
 (The first Olympic Games of Logic)

28/6/2014

Newspaper article in Die Presse (German)
Ein Sommer der Logik in Wien
 (A summer of logic in Vienna)

Online article on wien.orf.at (German)
Logik-“Woodstock” im Juli in Wien
 Logic-“Woodstock” in Vienna in July

25/6/2014

Guest article by Helmut Veith in HEUREKA. Das Wissenschaftsmagazin des FALTER (German)
Das silberne Zeitalter der Logik
 (The Silver Age of Logic)

23/6/2014

Online article on futurezone.at (German)
“Vienna Summer of Logic”: Wien wird zum Logik-Woodstock
 (“Vienna Summer of Logic”: Vienna turns into a Logic Woodstock)

Online article on vienna.at (German)
Auseinandersetzung mit Logik
 (Dealing with logic)

Appendix

Vienna Summer of Logic 2014

With over 2100 participants, the Vienna Summer of Logic 2014 (VSL) was the largest event in the history of logic. It consisted of twelve large conferences and 81 workshops, attracting researchers from all over the world.

The VSL was organised by the Kurt Gödel Society, with a local organization committee which included several members of the DBAI, KR and FORSYTE groups at the Institute of Information Systems and members of the Logic & Theory Group at the Institute of Computer Languages.

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The VSL conferences and workshops dealt with the main theme, logic, from three important aspects: logic in computer science, mathematical logic and logic in artificial intelligence. Over 1700 academic talks were accompanied by a rich program offering panel discussions, an exhibition, and public lectures. The VSL was also the site of the first Olympic Games of Logic and the award ceremony for the prestigious Kurt Gödel Research Prize Fellowships.

The impact of the VSL speaks of great success: Not only was the Vienna Summer of Logic an exceptionally large academic gathering in computer science, it directed a significant amount of public attention to logic research as well.

Website: <http://vsl2014.at/>



Activities (cont'd)

Vienna Summer of Logic 2014: Organization	
Matthias Baaz (Vienna University of Technology)	VSL Chair, VCLA Advisory Board Member
Thomas Eiter (Vienna University of Technology)	VSL Co-Chair, VCLA Board Member
Helmut Veith (Vienna University of Technology)	VSL Co-Chair, VCLA Co-Chair
Vesna Sabljakovic-Fritz (IJCAI)	VSL Organization Chair
Agata Ciabattoni (Vienna University of Technology)	VCLA Advisory Board Member
Georg Gottlob (Vienna University of Technology, Oxford University)	VCLA Board Member
Thomas Henzinger (IST Austria)	
Alexander Leitsch (Vienna University of Technology)	VCLA Board Member
Stefan Szeider (Vienna University of Technology)	VCLA Co-Chair

Organization Committee

Florian Aigner (Vienna University of Technology)	Oliver Lehmann (IST Austria, Austrian Association of Education and Science Journalists)
Harald Beck (Vienna University of Technology)	Nysret Musliu (Vienna University of Technology)
Katinka Böhm (Vienna University of Technology)	Thomas Pani (Vienna University of Technology)
Barbara Dolezal-Rainer (Vienna University of Technology)	Anna Petukhova (Vienna University of Technology)
Chris Fermüller (Vienna University of Technology)	Markus Pichlmair (Vienna University of Technology)
Sy David Friedman (University of Vienna)	Toni Pisjak (Vienna University of Technology)
Ursula Gerber (IST Austria)	Norbert Preining (Japan Advanced Institute for Science and Technology)
Bernhard Gramlich† (Vienna University of Technology)	Gernot Salzer (Vienna University of Technology)
Franziska Gusel (Vienna University of Technology)	Martina Seidl (JKU Linz)
Elisabeth Hofmann (Vienna University of Technology)	Matthias Schlögel (Vienna University of Technology)
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Konstantin Korovin (University of Manchester)	Daniel Weller (Vienna University of Technology)
Laura Kovács (Chalmers University)	Richard Zach (University of Calgary)

Appendix (cont'd)

Streams within the Vienna Summer of Logic 2014

Federated Logic Conference (FLoC) / Logic in Computer Science	
Helmut Veith (Vienna University of Technology)	Chair, VCLA Co-Chair
Matthias Baaz (Vienna University of Technology)	Co-Chair, VCLA Advisory Board Member
Moshe Y. Vardi (Rice University)	FLoC General Chair, VCLA Advisory Board Member
Stefan Szeider (Vienna University of Technology)	Workshop Chair, VCLA Co-Chair
Azadeh Farzan (University of Toronto)	Student Support Program
Thomas Krennwallner (Vienna University of Technology)	Olympic Games / Competition Chair
Stefan Rümmele (Vienna University of Technology)	Workshop Co-Chair

Mathematical Logic	
Matthias Baaz (Vienna University of Technology)	Chair, VCLA Advisory Board Member
Agata Ciabattoni (Vienna University of Technology)	Co-Chair, VCLA Advisory Board Member
Stefan Hetzl (Vienna University of Technology)	Co-Chair

Logic in Artificial Intelligence	
Thomas Eiter (Vienna University of Technology)	Chair, VCLA Board Member
Michael Fink (Vienna University of Technology)	Co-Chair
Stefan Woltran (Vienna University of Technology)	Co-Chair

Appendix (cont'd)

Public Events during the Vienna Summer of Logic

The Vienna Summer of Logic included a rich program for the general public, consisting of an exhibition about Kurt Gödel, two public lectures and a series of very successful public discussions called LogicLounge.

The poster features a large, stylized profile of a human head facing right, filled with various colored hearts (red, blue, green, yellow) of different sizes. The title "Vienna Summer of Logic 2014" is at the top in large, bold, dark blue serif font. Below it, "in aller Öffentlichkeit goes public" is written in a smaller, orange sans-serif font. To the right is a dark blue rectangular badge with white text: "VIENNA SUMMER OF LOGIC 2014", "July 9-24, 2014 - http://vsl2014.at", "Hosted by TU WIEN TECHNISCHE UNIVERSITÄT WIEN Vienna University of Technology", and a laurel wreath logo.

Appendix (cont'd)

SAT/SMT Summer School

The SAT/SMT Summer School took place from July 10-12, 2014 in Semmering, Austria and had 81 participants. The target audience of this annual summer school are young researchers working on automated decision procedures and their applications. The program comprised a systematic introduction into Satisfiability Solving (SAT) and Satisfiability Modulo Theories (SMT), extensions such as parallel SAT solving and Craig interpolation, as well as applications such as security and verification. A detailed program including abstracts and slides of the talks is available on the web page of the summer school (<http://satsmt2014.forsyte.at/program>).

Organizing Committee

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Pascal Fontaine (INRIA)

Dejan Jovanovic (SRI USA)

Georg Weissenbacher (Vienna University of Technology)

The summer school was supported by the SAT Association, the Government of Lower Austria, RiSE, the INRIA Formation, Microsoft and T-Mobile.

Group photo of the participants and organizers (c) Daniel Schwartz-Narbonne



Appendix (cont'd)

Speakers at the SAT/SMT Summer School

- Daniel Le Berre (Artois University) Introduction to SAT
 Nikolaj Bjorner (Microsoft Research US): Software Verification using IC3
 Fabio Somenzi (UC Boulder): SAT-based Model Checking
 Alberto Griggio (Fondazione Bruno Kessler) Introduction to SMT
 Keijo Heljanko (Aalto University): Practical sessions
 Tomi Janhunen (Aalto University): Practical sessions
 Tommi Junttila (Aalto University): Practical sessions
 Leonardo de Moura (Microsoft Research US): Decision methods for nonlinear arithmetic: an introduction
 Philipp Rümmer (Uppsala University): Interpolation in SAT and SMT
 Ofer Strichman (Technion, Israel): Proofs in SAT and CSP
 Chao Wang (Virginia Tech): SMT in Cryptography and Software Verification
 Christoph Wintersteiger (Microsoft Research UK): Parallel SAT Solving

Participants

Stefan Adelsberger	Michael Dooley	Anthony W Lin	Philipp Sieweck
Luis M. Aguirre	Dana Drachsler	Peizun Liu	Moritz Sinn
Leonardo Alt	Thorsten Ehlers	Florian Lorber	Mate Soos
Abhishek Anand	Jan Elfers	Michaël Marcozzi	Ben Spencer
David Arch	Jesús Giráldez-Cru	Kuldeep Meel	Pramod Subramanyan
Zaruhi Aslanyan	Tim Gonschorek	Andrew Mihal	Mitra Tabaei
Konstantinos Athanasiou	Henning Günther	Zack Newsham	Zenna Tavares
Peter Backeman	Liana Hadarean	Zvonimir Pavlinovic	Stefan Tirán
Haniel Barbosa	Pierre Halmagrand	Tatjana Petrov	Sophie Tourret
Alexey Belyaev	Andreas Holzer	Wang Qiang	Patrick Trentin
Marcello M. Bersani	Fatemeh Javaheri	Ivan Radiček	Dmitry Tsarkov
Johannes Birgmeier	Sebastian Junges	Guilherme Ramos	Tamás Tóth
Filipe Casal	Egor Karpenkov	Ahmad Rasekh	Tom van Dijk
Günther Charwat	Tim King	Usman Rauf	András Vörös
Mingshuai Chen	Andreas Kochesser	Simon Robillard	Sven Walther
Paula Chocron	Anvesh Komuravelli	Olli Saarikivi	Yannick Zakowski
David Raymond Christiansen	Soonho Kong	Ilaria Sambarino	
Kristijonas Cyras	Bernhard Kragl	Michael Schaper	
Przemyslaw Daca	Sebastian Krings	Maria Schett	
Carolina Dania	Bettina Könighofer	Matthias Schlaipfer	
Robin David	Alfons Laarman	Daniel Schwartz-Narbonne	
Emir Demirović	Tim Lange	Philipp Sieweck	