Preface

EuroForth is an annual conference on the Forth programming language, stack machines, and related topics, and has been held since 1985. The 24th EuroForth finds us in Vienna for the second time. The three previous EuroForths were held in Santander, Spain (2005), in Cambridge, England (2006), and in Schloss Dagstuhl, Germany (2007). Information on earlier conferences can be found at the EuroForth home page (`http://dec.bournemouth.ac.uk/forth/euro/index.html`).

Since 1994, EuroForth has a refereed and a non-refereed track.

For the refereed track, one paper was submitted, and one was accepted (100% acceptance rate). For more meaningful statistics, I include the numbers from 2006 and 2007: eight submissions, four accepts, 50% acceptance rate. The paper was sent to three program committee members for review, and they produced three reviews. This year, one of the program committee members has submitted a paper; of course this member was not involved in the review process of the paper in any way. I thank the authors for their paper, and the reviewers for their reviews.

Several papers were submitted to the non-refereed track in time to be included in the printed proceedings. In addition, the printed proceedings include the slides and an abstract for talks that will be presented at the conference without being accompanied by a paper. These online proceedings also contain late papers and late presentations that were too late to be included in the printed proceedings. One presentation (GLforth by Gerald Wodni) was in demo format and is therefore not included in these proceedings. Workshops and social events complement the program.

We are grateful to Ewa Vesely for organizational support for this year's EuroForth.

Anton Ertl

Program committee

Sergey N. Baranov, Motorola ZAO, Russia (secondary chair)
M. Anton Ertl, TU Wien (chair)
David Gregg, University of Dublin, Trinity College
Ulrich Hoffmann, FH Wedel University of Applied Sciences
Jaanus Pöial, Estonian Information Technology College, Tallinn
Bradford Rodriguez, T-Recursive Technology
Bill Stoddart, University of Teesside
Reuben Thomas, Adsensus Ltd.

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Refereed papers

Non-refereed papers

Abstracts

Presentations

Late papers

Late presentations

Programme

Thursday	1:00pm	Lunch at Artner
	2:30pm	Forth200x meeting
	7:00pm	Dinner at Wiazhaus
Friday	9:00am	Forth200x meeting
	1:00pm	Lunch at Artner
	2:30pm	Coffee at meeting room
	2:45pm	EuroForth opening, organizational matters
	3:00pm	Angel Robert Lynas, Bill Stoddart: Using Forth in a Concept-Oriented Computer Language Course
	3:30pm	Jaanus Pöial: Java Framework for Static Analysis of Forth Programs
	4:00pm	Andrew Haley: An Infix Syntax for Forth (and its compiler)
	4:30pm	Coffee break
	5:00pm	Bernd Paysan: A Debugger for the b16 CPU
	5:30pm	M. Anton Ertl: Cleaning up After Yourself
	6:00pm	Ulrich Hoffmann: Forth System Hooks—Metaobject Protocol in Forth Style
	7:00pm	Meet at hotel for walk to dinner
	7:30pm	Conference Dinner at Zwölfapostelkeller
Saturday	9:00am	Stephen Pelc: Updating the Forth Virtual Machine
	9:30am	Yunhe Shi, Kevin Casey, M. Anton Ertl, David Gregg: Virtual Machine Showdown: Stack versus Registers
	10:00am	Bernd Paysan: Porting MINOS to VFX
	10:30am	Coffee break
	11:00am	Bill Stoddart, Angel Robert Lynas: Filters for Unicode Markup, a Work in Progress Report
	11:30am	Gerald Wodni: GLforth – an Ego Shooter
	11:55am	Impromptu talks/discussion
	12:50pm	Walk to restaurant
	1:00pm	Lunch at Wieden Bräu
	2:30pm	Excursion to Leopoldsberg, Kahlenberg, Cobenzl, followed by Dinner at *Weingut am Reisenberg*
Sunday	9:00am	EuroForth workshops and impromptu talks
	1:00pm	Lunch at Wieden Bräu
	2:30pm	4th day: Walk: Alte Donau, Donauinsel and Prater