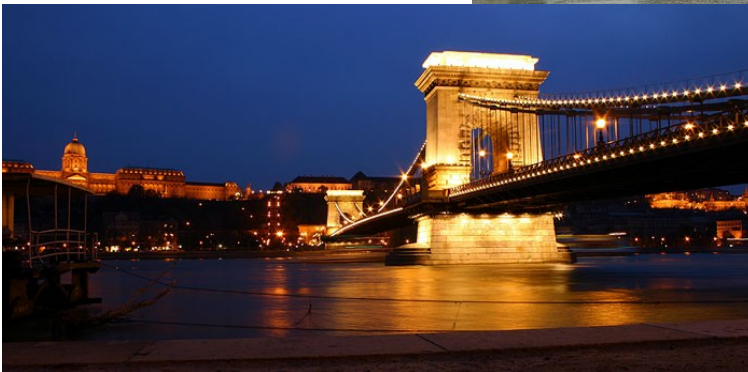




## CENTRAL EUROPEAN FUNCTIONAL PROGRAMMING SCHOOL



**CEFP 2011**



4th CENTRAL EUROPEAN FUNCTIONAL PROGRAMMING SCHOOL

**June 14-24, 2011**

EÖTVÖS LORÁND UNIVERSITY,  
BUDAPEST, HUNGARY

<http://plc.inf.elte.hu/cefp/>

## Introduction

The Summer School is supported by a European Union grant under the Lifelong Learning Programme as an Erasmus Intensive Programme.

The Summer School is the counterpart of the Advanced Functional Programming school with the additional goal to stimulate students from Central Europe to attend.

The event is organized by the [Department of Programming Languages and Compilers, Faculty of Informatics, Eötvös Loránd University](#).

The Central European Functional Programming School is an intensive summer school in the field of functional programming. The invited lecturers are the most prominent researchers in the field in Europe, and they will present state-of-the-art functional programming techniques.

### The invited lecturers are:

- **Andrew Butterfield** (University of Dublin, Ireland): Reasoning about I/O in functional programs
- **Clemens Grelck** (University of Amsterdam, The Netherlands): Multicore SAC
- **Johan Jeuring** (Utrecht University, The Netherlands): Strategies for learning functional programming
- **Rita Loogen** (Philipps University Marburg, Germany): Eden
- **Simon Marlow** (Microsoft Research, United Kingdom): Parallel and Concurrent Haskell
- **Greg Michaelson** (Heriot-Watt University Edinburgh, Scotland): Box Calculus
- **Rinus Plasmeijer** (Radboud University Nijmegen, The Netherlands): Defining distributed GUI applications with iTasks
- **Kostis Sagonas** (University of Athens, Greece): Multicore Erlang
- **Mary Sheeran** (Chalmers University of Technology, Sweden): Feldspar: Implementation and Application

## Aims of the summer school

The main goal of the summer school is to bring together computer scientists, researchers, graduate and PhD students. Show the use of advanced functional programming techniques in real world applications and bridge the gap between recent results presented at programming conferences and material from introductory textbooks on functional programming.

### The programme of the summer school includes:

- In depth lectures about a selected number of recently emerged advanced functional programming techniques, taught by experts in the field.
- Practical exercises accompanying the lectures to be solved by the students at the school. These exercises guide the students' learning to a great extent. A high quality lab is available at the school site.
- Team work is stimulated, such that the students can also learn from each other.
- Forum for PhD students.

The CEFPS school provides a forum for PhD students to present their research results as part of the workshop programme. Abstract submission is before the summer school, full paper version after the summer school. Selected and reviewed papers will be published in the [Lecture Notes in Computer Science](#) Volume of the revised lectures. The volume will be available online on [SpringerLink](#).



**IMPORTANT:** The deadline for the abstracts is **April 30, 2011**. Please send the abstracts to [cefp@inf.elte.hu](mailto:cefp@inf.elte.hu).

## Location of the summer school

The event is organized and hosted by the Department of Programming Languages and Compilers, Faculty of Informatics, Eötvös Loránd University, Budapest, Hungary.

Budapest is the capital of Hungary with nearly 2.000.000 inhabitants. It is divided into two parts by the river Danube. There are nine bridges over the river which connect the two sides. The most beautiful ones are Chain Bridge (Lánchíd), Elisabeth Bridge (Erzsébet híd) and Liberty Bridge (Szabadság híd).

One of the best places to walk around is the Castle District. There is a breath-taking view of the city from the Fisherman's Bastion. Across from the Fisherman's Bastion is Matthias Church named after the Hungarian King Matthias. In the Castle District you can find the Sándor Palace, the residence and workplace of the Head of the State.

Budapest is richly endowed with natural springs of thermal waters possessing various medicinal properties (Gellért Baths and Hotel, Széchenyi Baths, Lukács Medicinal Baths etc.).

The largest building in the country is the building of the Hungarian Parliament, which is situated on the bank of the Danube. The Neo-Gothic building complex was built between 1884 and 1904 according to the plans of Imre Steindl. There are many other sights in Budapest, just like Heroes' Square, St. Stephen's Basilica, Andrassy Avenue, Margaret-island, Gellért Hill and the Citadell etc.

For more information about Budapest, please visit the <http://www.budapestinfo.hu/> home page.



## Registration information

The registration fee is almost fully covered for a limited number of academics and students from the participating institutes (Erasmus IP partners) and from the CEEPUS network (International Cooperation in Computer Science).

Participants from other institutes are also welcome but they are required to pay the full registration fee.

For further details about the CEF 2011 please check the homepage of the summer school, or feel free to contact us for further details.

### **IMPORTANT:**

The deadline for registration and abstract submission for PhD workshop is **April 30, 2011.**

### **Contact:**

Homepage: <http://plc.inf.elte.hu/cefp/>

E-mail: [cefp@inf.elte.hu](mailto:cefp@inf.elte.hu)