



University
of Cyprus

Department of Computer Science

BETTY Summer School 2016

International Summer School on Behavioural Types

Proposed Period: July 2016

STATEMENT OF INTENT

ANNA PHILIPPOU
University of Cyprus

Department of Computer Science

tel: +357 22 892699

fax: +357 22 892701

email: annap@cs.ucy.ac.cy

1. Introductory Summary

We propose Cyprus as the host country for the 3rd International Summer School on Behavioural Types. Cyprus offers many advantages as a location. It is readily accessible (at affordable prices) internationally, and directly from all major European air hubs (e.g. London, Frankfurt, Amsterdam, etc.). Situated in the far east of Europe, it is also easily accessible from Asia, North Africa and the Middle East. Cyprus is a small nation – with a population of c. 800,000. Nonetheless, due to its strategic location it has been a key location in the Mediterranean for centuries. This unique position has provided it with a depth of cultural assets.

Cyprus has received substantial EU inward investment since joining the EU in 2004. As a result, the physical infrastructure of the country has been further enhanced in the last few years. Moreover, the Cyprus government is strategically investing in both research and culture by establishing new universities and increasing research funding. Cyprus' rich heritage means that cultural transmission and preservation are key goals for the nation.

2. Hosting Organisation

The local host of the conference will be the **University of Cyprus** (UCY) (www.ucy.ac.cy) through its **Computer Science Department** (www.cs.ucy.ac.cy).

2.1. Profile

The University of Cyprus was established in 1989. It is a public university that aims the promotion of scholarship and education through teaching and research at an international level, and the enhancement of the cultural, social and economic development of Cyprus. Despite its brief history, the University of Cyprus has earned the respect of the international academic community and the appreciation of Cypriot society.

The Department of Computer Science of the University of Cyprus has 21 academic faculty members as well as a large number of postgraduate and research students and a number of research associates. It is a research-oriented department active in several areas varying from purely theoretical and foundational topics to applied development, with strong groups in artificial intelligence, computer architecture, computer networks, data management, graphics and virtual reality, internet computing, software engineering and theoretical computer science. The Department offers a Bachelor degree in Computer Science as well as five Master degrees and a Ph.D. degree in Computer Science.

The Department has a strong research infrastructure comprising of high-performance clusters and storage area networks, cloud computing facilities, smart-phones and sensing devices and virtual reality equipment. Over the last 10 years, the Department has been involved in more than 125 research projects funded from both the European Union and the Cyprus Research Promotion Foundation with total funding of over 18 million euros.

2.2 The Proposer

Prof. Anna Philippou is an Associate Professor at the Department of Computer Science of the University of Cyprus. She completed her undergraduate studies at the University of Oxford (B.A. in Mathematics and Computation) and postgraduate studies at the University of Warwick (M.Sc. in Parallel Computers and Computation, Ph.D. in Computer Science). Before joining the Department of Computer Science of the University of Cyprus, she worked as a Postdoctoral Research Assistant at the Department of Computer and Information Science at the University of Pennsylvania.

Prof. Philippou's research interests lie in the areas of Foundations of Concurrent, Distributed and Probabilistic Computation, Type Systems, Formal Methods and Algorithmic Game Theory. She is one of the founders of the Laboratory for Foundations of Computing Systems and Theoretical Computer Science of the hosting institution. The laboratory was established in 2001 and is active in the fields of algorithms and complexity, algorithmic game theory, foundations of distributed, parallel and concurrent computing and formal methods. Several of the research activities of the laboratory are carried out in collaboration with academic institutions in Europe and the USA, and have been funded from various sources including the European Union, the Cyprus Research Foundation and the University of Cyprus.

The International Summer School on Behavioural Types is of great interest to the proposer and the laboratory and it is expected that a number of students from the host institution will be interested in attending the summer school.

2.4. Experience

The local team of the hosting department has been involved in the organization of various conferences and summer schools. For instance, the proposer was a General Co-chair of the European Joint Conferences on Theory and Practice of Software 2010 (ETAPS'10) which took place in Paphos, Cyprus, during April 2010.

The local arrangements and organization support team we plan to use is **Easy Conferences**, a company with extensive experience in the organization of international academic conferences and meetings, ranging from 20 to 2000 participants.

3. Suggested Host City

Limassol is the second largest city in Cyprus, after the capital, Nicosia. It is located on the south coast of the island, between the ancient towns of Amathus and Kourion.

It is the largest city in geographical size, as well as being the biggest municipality of Cyprus and is a home for around 235,000 people (census 2011). The city is also well known for its biggest port in the Mediterranean transportation trade.

This richly cultured, cosmopolitan seaside city has become one of the most important tourism destinations in Cyprus, offering a variety of appreciative entertainment for all ages. Apart from the richness of see-sights and attractions, Limassol features luxurious accommodation facilities.

4. Suggested Venue

Fully renovated in 2011, **Kapetanios Odysia Hotel** is a 3 stars superior hotel, suitable for both students and lecturers. It is conveniently located in one of the most privileged areas of Limassol and 100 meters from the beach.

It offers an extensive variety of facilities and it is renowned for its excellent service, friendly atmosphere and the good food.

Meeting Facilities:

The hotel offers two conference rooms. The Athena Room is designed and fully equipped for conferences up to 300 delegates, and Othellos can accommodate up to 170 delegates. The hotel can provide a simultaneous interpretation system, and audio-visual equipment.

5. Suggested Dates

We propose the period from the end of June to the middle of July 2016 but the precise dates can be arranged subject to availability and the preference of the organizers.

6. Accommodation & Registration Costs

COSTS FOR NON-FUNDED STUDENTS	
SERVICE	RATE PER NIGHT PER PERSON
Accommodation (half twin room + coffee breaks, lunch & dinner)	€85
Extra night (half twin room + Bed & Breakfast)	€45
Single Room Supplement (optional)	€20
Excursion (optional)	€50
TOTAL Accommodation for 5 nights in ½ twin room + daily coffee breaks, lunch & dinner + 1 additional night on bed and breakfast	€470

7. Summer School Format

Courses:

We propose to keep the structure of the previous BETTY summer schools, consisting of 9-10 half-day courses. The precise content can be decided on by a scientific committee.

Program:

We propose the following schedule for the summer school from Monday to Friday leaving, however, one free afternoon for an excursion.

09:00 – 10:30 lecture

10:30 – 11:00 coffee break

11:00 – 12:30 lecture

12:30 – 14:00 lunch

14:00 – 15:30 lecture

15:30 – 16:00 coffee break

16:00 – 17:30 lecture

Social Events:

- 1 Half Day Excursion with dinner at an additional cost of €50

8. Concluding Remarks

Cyprus provides excellent conference facilities as well as a combination of tourist attractions, culture, history and heritage which the summer school participants can enjoy. Furthermore, the local research community working on Concurrency Theory and Programming Language Semantics will be delighted to host and work towards the success of the event!