



**2010 Psychology of Programming Workshop  
September 19–21, 2010 - Leganés (Madrid), Spain**

**Preliminary Program (September 6<sup>th</sup>, 2010)**

**Symposium at a Glance**

	<b>Sunday</b>	<b>Monday</b>	<b>Tuesday</b>	<b>Wed</b>
<b>Place</b>	Hotel Tryp	Salón de Grados, Auditorio Padre Soler		
<b>Early Morning</b>		Keynote Gender HCI & Programming Margaret Burnett	Software Engineers & Practice	VL/HCC Opening Keynote Ed Chi
<b>Late Morning</b>		Usability issues in programming languages and tools	Discussion of a Masters-Level Course on the Psychology of Programming	
	Help Luke & Thomas write a book			
<b>Early Afternoon</b>		Teaching & learning programming 1	End-User Programming	
<b>Late Afternoon</b>	Graduate Student Consortium	Teaching & learning programming 2	Information Foraging Theory & Practice	
			PPIG business & awards	
<b>Evening</b>		Dinner	VL/HCC Welcome Reception	

**In conjunction with  
2010 IEEE Symposium on Visual Languages and  
Human-Centric Computing  
Universidad Carlos III de Madrid  
September 21–25, 2010 – Leganés (Madrid), Spain**

## Addresses and Places

**Sunday**, rooms are in Hotel Tryp. The address is Avenida de la Universidad 7 in Leganés (Madrid).

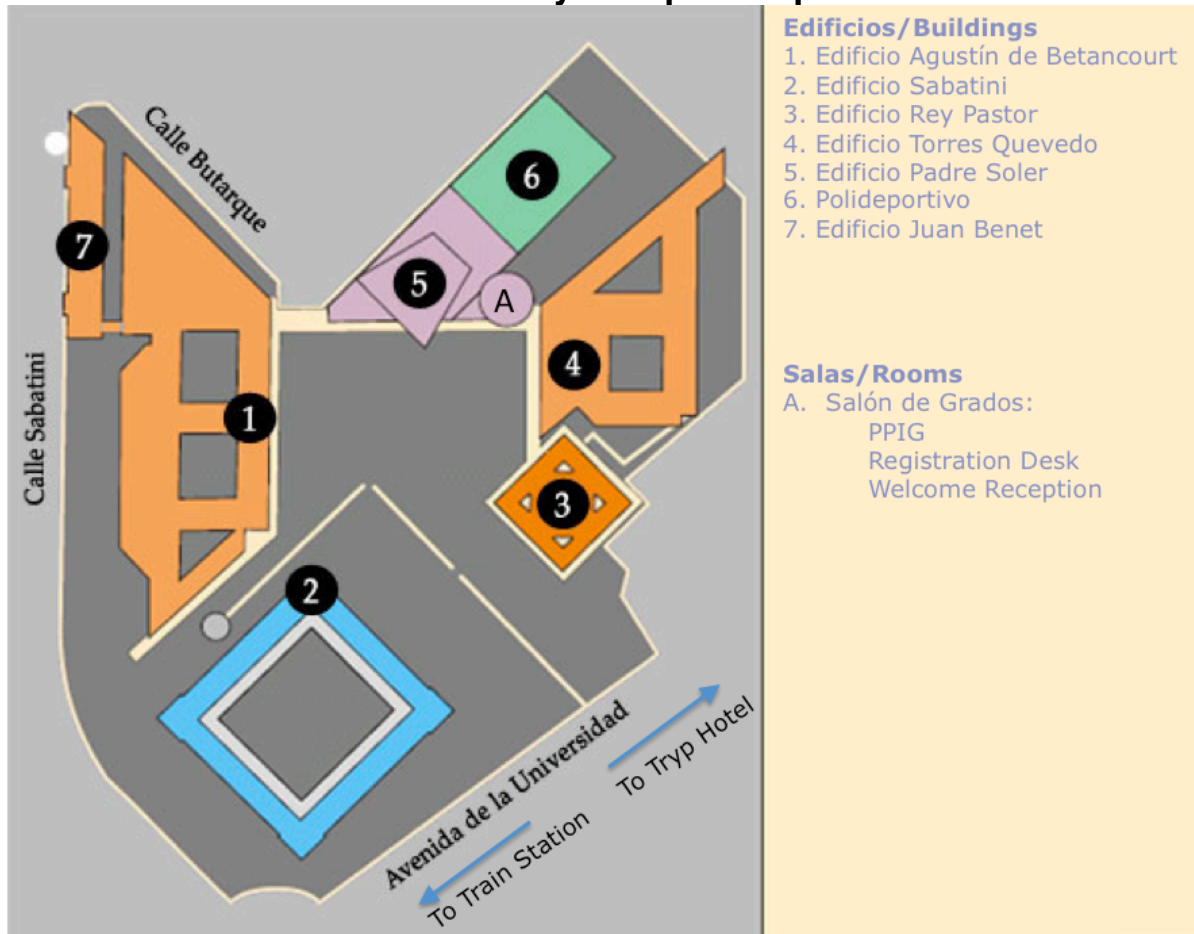
**From Monday to Wednesday**, “Salón de Grados” is in the “Auditorio Padre Soler” Building of Universidad Carlos III de Madrid. University address is Avenida de la Universidad 30 in Leganés (Madrid). It’s five minutes far from University and it’s on the same street.

**Registration desk** will be in Tryp Hotel on Sunday and in front of “Salón de Grados”, Universidad Carlos III de Madrid, from Monday to Wednesday.

**VL/HCC Welcome Reception** will be in front of “Salón de Grados”, Universidad Carlos III de Madrid.

**The dinner** will be in “El Cebadero” Restaurant. Its address is Avenida del Museo s/n (M-406), Leganés (Madrid).

### University Campus Map



## Sunday, September 19 (Hotel Tryp)

14:00 – 16:00 **PPIG Doctoral Consortium** (Organizer: Maria Kutar)

## Monday, September 20 (UC3M-Salón de Grados)

09:00 – 10:30 **Opening Keynote** (Session Chair: Joey Lawrance)

Gender HCI & Programming  
*Margaret Burnett, Oregon State University, USA*

10:30 – 11:00 **Coffee Break**

11:00 – 13:00 **Usability issues in languages and tools** (Session Chair: Thomas Green)

11:00 Liveness in Notation Use: From Music to Programming  
*Luke Church, Chris Nash, & Alan F. Blackwell, Cambridge University, UK*

11:30 Usability Requirements of User Interface Tools  
*Catherine Letondal, Stéphane Chatty, Université de Toulouse - ENAC  
W. Greg Phillips, Royal Military College of Canada, Canada*

12:00 A Cognitive Neuroscience Perspective on Memory for Programming Tasks  
*Chris Parnin, Georgia Tech Institute of Technology, USA*

12:30 Perceived Self-Efficacy and APIs  
*John M. Daughtry & John M. Carroll, The Pennsylvania State University, USA*

13:00 – 14:30 **Lunch**

14:30 – 16:00 **Teaching and learning programming 1** (Session Chair: Judith Good)

14:30 Enhancing Comprehension by Using Random Access Memory (RAM) Diagrams in Teaching Programming: Class Experiment (Short Paper)  
*Leonard J. Mselle, The University of Dodoma, Tanzania*

14:50 Evaluating Scratch to Introduce Younger Schoolchildren to Programming (Short Paper)  
*Amanda Wilson & David C. Moffat, Glasgow Caledonian University*

15:10 Students' Early Attitudes and Possible Misconceptions about Programming (Short Paper)  
*David C. Moffat, Glasgow Caledonian University*

15:30 Characterizing Comprehension of Concurrency Concepts  
*Zhen Li, Zhe Zhao, & Eileen Kraemer, University of Georgia*

16:00 – 16:30 **Coffee Break**

16:30 – 17:30 **Teaching and learning programming 2** (Session Chair: Alan Blackwell)

16:30 The Construction of the Concept of Binary Search Algorithm  
*Sylvia da Rosa, Universidad de la Republica, Montevideo, Uruguay*

17:00 Teaching Novice Programmers Programming Wisdom  
*Randy M. Kaplan, Kutztown University of Pennsylvania*

17:30 – 18:30 **Doctoral consortium summaries** (Session Chair: Maria Kutar)

21:00 **Dinner ("El Cebadero" Restaurant, Avenida del Museo s/n (M-406), Leganés (Madrid))**

## Tuesday, September 21 (UC3M-Salón de Grados)

9:00 – 11:00	<b>Software Engineers and Practice</b> (Session Chair: TBA)
9:00	Project Kick-off with Distributed Pair Programming <i>Edna Rosen, Stephan Salinger, and Christopher Oezbek, Freie Universität Berlin</i>
9:30	The use of MBTI in Software Engineering <i>Rien Sach, Marian Petre, and Helen Sharp, Open University</i>
10:00	Confirmation Bias in Software Development and Testing: An Analysis of the Effects of Company Size, Experience and Reasoning Skills (Short Paper) <i>Gul Calikli, Berna Arslan, and Ayse Bener, Bogazici University, Turkey</i>
10:30	Enhancing User-Centredness in Agile Teams: A Study on Programmer's Values for a better Understanding on how to Position Usability Methods in XP (Short Paper) <i>Michael Leitner, Peter Wolkerstorfer, Arjan Geven, Center for Usability Research &amp; Engineering</i> <i>Manfred Tscheligi, Center for Usability Research &amp; Engineering and University of Salzburg</i>
11:00 – 11:30	<b>Coffee Break</b>
11:30 – 13:00	<b>Discussions</b> (Session Chair: TBD)
11:30	Discussion of a Masters-Level Course on the Psychology of Programming <i>Alan F. Blackwell, Cambridge University</i>
12:15	Help Thomas and Luke write a book <i>Thomas Green</i> <i>Luke Church, Cambridge University</i>
13:00 – 14:30	<b>Lunch</b>
14:30 – 16:30	<b>End-User Programming</b> (Session Chair: Margaret Burnett)
14:30	A Logical Mind, not a Programming Mind: Psychology of a Professional End-Use <i>Alan F. Blackwell and Cecily Morrison, Cambridge University</i>
15:00	Empirically-Observed End-User Programming Behaviors in Yahoo! Pipes <i>Matthew D. Dinmore and C. Curtis Boylls, Johns Hopkins University</i>
15:30	Bricolage Programming in the Creative Arts <i>Alex McLean and Geraint Wiggins, University of London</i>
16:30 – 17:00	<b>Coffee Break</b>
17:00 – 18:00	<b>Panel Information Foraging Theory &amp; Practice</b> (Session Chair: Rachel Bellamy)
18:00 – 18:30	<b>PPIG business and awards</b>
19:00 – 20:30	<b>VL/HCC 2010 Welcome reception</b>

# Thanks to IEEE VL/HCC Sponsors

