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<http://www.cs.swansea.ac.uk/cie06>

# Computability in Europe 2006

## Logical Approaches to Computational Barriers

30th June - 5th July 2006, Swansea University, UK

The conference series CiE explores both classical and contemporary aspects of computability theory, including its applications and its foundations in physics.

### Tutorials:

**Samuel R Buss** (San Diego, CA)  
**Julia Kempe** (Paris)

### Plenary Speakers:

**Jan Bergstra** (Amsterdam)  
**Luca Cardelli** (Cambridge)  
**Martin Davis** (New York, NY)  
**Jan Krajíček** (Prague)  
**Elvira Mayordomo Cámara** (Zaragoza)  
**István Németi** (Budapest)  
**Helmut Schwichtenberg** (München)  
**Andreas Weiermann** (Utrecht)

### Special Address on Kurt Gödel:

**John W Dawson** (York, PA)

### Special Sessions:

#### Proofs and Computation

Organised by A Carbone (Paris) and T Strahm (Bern)

#### Computable Analysis

Organised by P Hertling (München) and D Pattinson (München)

#### Challenges in Complexity

Organised by K Meer (Odense) and J Torán (Ulm)

#### Foundations of Programming

Organised by I Bethke (Amsterdam) and M Escardó (Birmingham)

#### Mathematical Models of Computers and Hypercomputers

Organised by J D Hamkins (New York, NY) and M Ziegler (Paderborn)

#### Gödel Centenary: His Legacy for Computability

Organised by M Baaz (Wien) and J W Dawson (York, PA)

**Paper Submission Deadline: 15th December 2005**



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**Programme Committee:** Arnold Beckmann (Swansea, co-chair), John V Tucker (Swansea, co-chair), Samson Abramsky (Oxford), Klaus Ambos-Spies (Heidelberg), Ulrich Berger (Swansea), Olivier Bournez (Nancy), S Barry Cooper (Leeds), Laura Crosilla (Firenze), Costas Dimitracopoulos (Athens), Abbas Edalat (London), Fernando Ferreira (Lisbon), Ricard Gavaldà (Barcelona), Giuseppe Longo (Paris), Benedikt Löwe (Amsterdam), Yuri Matiyasevich (St.Petersburg), Dag Normann (Oslo), Giovanni Sambin (Padova), Uwe Schöning (Ulm), Andrea Sorbi (Siena), Ivan N Soskov (Sofia), Leen Torenvliet (Amsterdam), Peter van Emde Boas (Amsterdam), Klaus Weihrauch (Hagen)

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CiE is hosted in Partnership with the **WDA** within the conference series **Exploring the Science of Software Development**



British Logic Colloquium

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