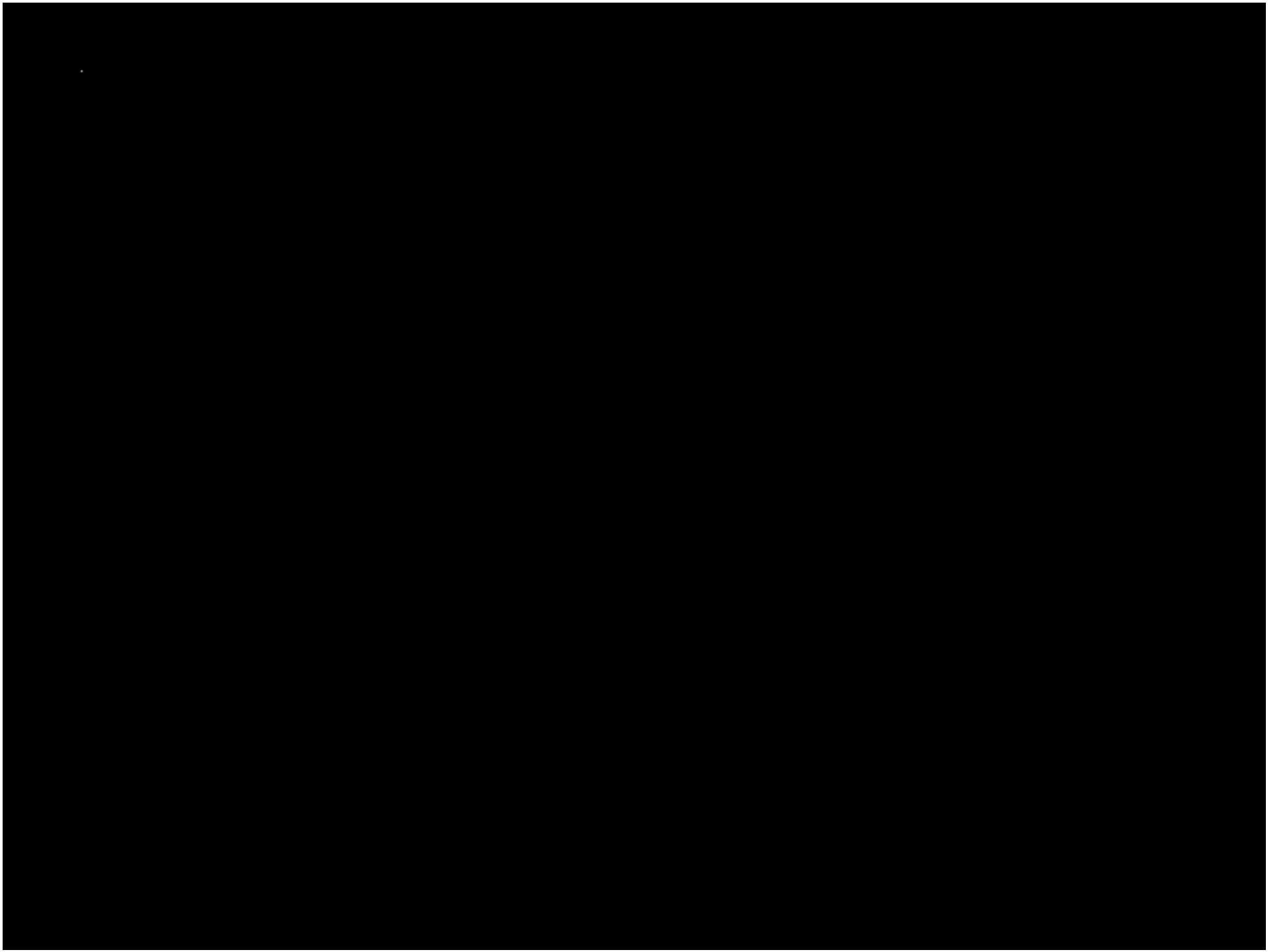
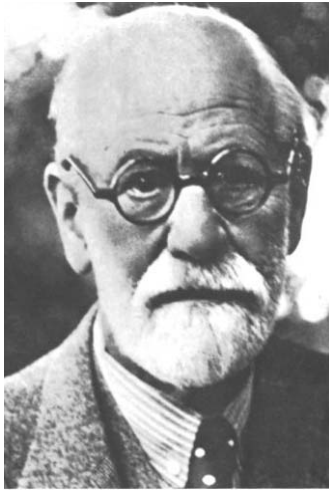




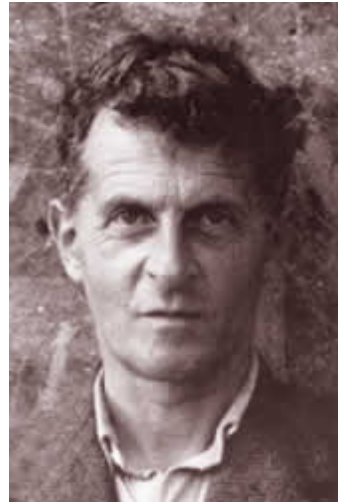


Carl Orff (1895-1982)

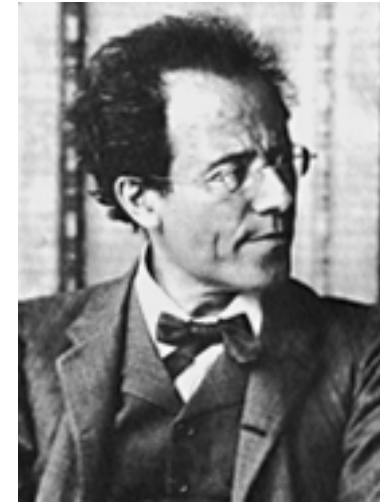
Carmina Burana (1937)



Sigmund Freud
(1886 - 1939)



Ludwig Wittgenstein
(1889 - 1951)



Gustav Mahler
(1860 - 1911)



Karl Kraus
(1874 - 1936)



Otto Wagner
(1841 - 1918)



Arnold Schönberg
(1874 - 1951)

Ubiquitous Computing

Calm Computing

Universal Computing

Invisible Computing

Pervasive Computing

Context Based Computing

Hidden Computing

Post PC Computing

Ambient Intelligence

Everyday Computing

Sentient Computing

Autonomous Computing

Amorphous Computing

Spray Computing

...

(Mark Weiser, Xerox PARC 1988)

(John Brown, Xerox PARC 1996)

(James Landay, Berkeley 1998)

(G. Barriello, UoWashington 1999)

(Academia, IBM 1999, SAP 2000)

(Berkeley/IBM 1999)

(Toshiba 1999)

(common sense)

(European Commission, FP5)

(Georgia Tech, 2000)

(AT&T, 2002)

(IBM, 2002)

(DARPA, 2002)

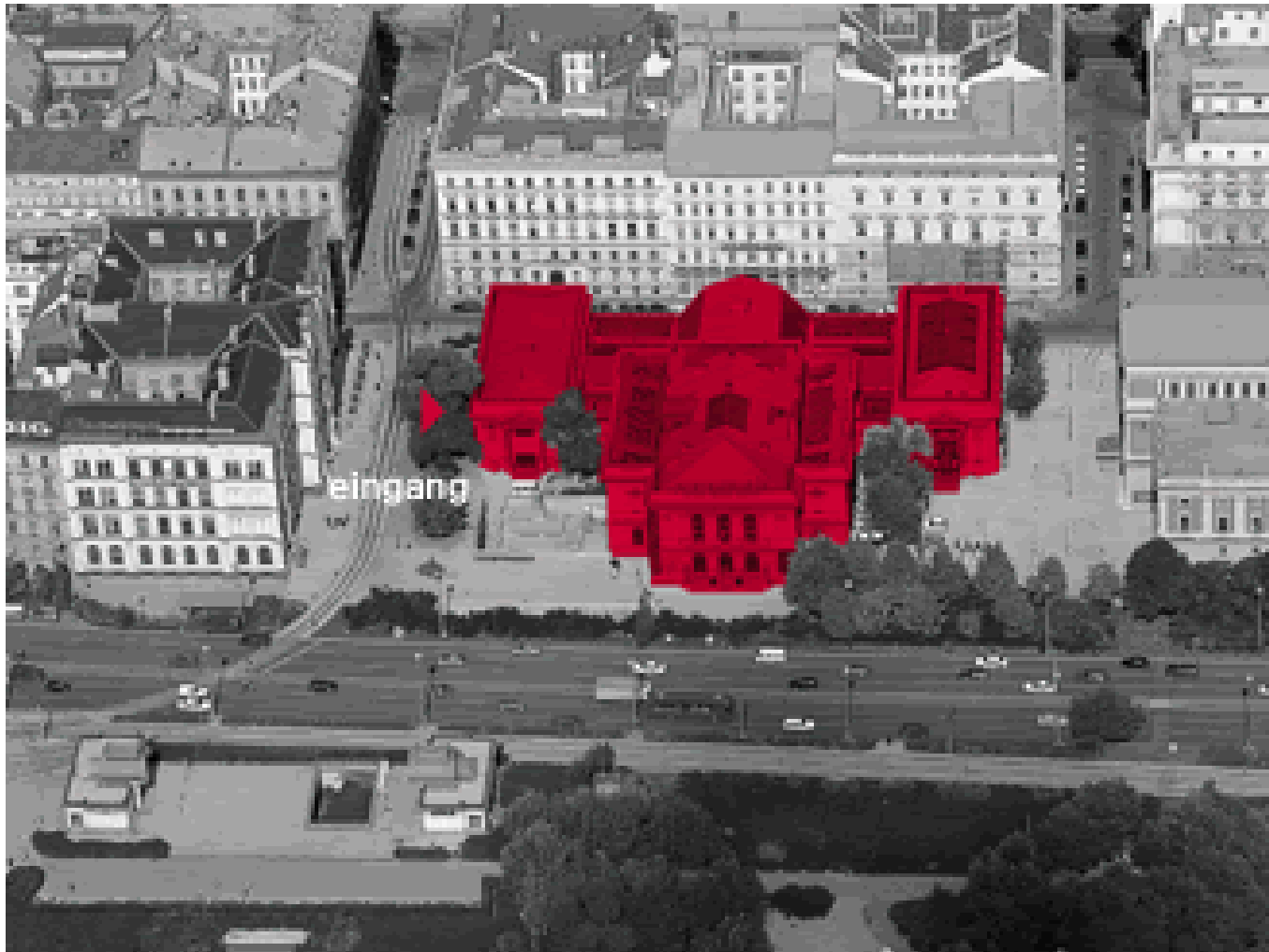
(Zambonelli, 2003)



1880
The Ringstrasse



1980
The Personal Computer



Association of Austrian Artists („Künstlerhaus“)
(founded in 1861)



SECESSION

Vereinigung bildender Künstler (Association of Visual Artists) Österreichische Secession
founded in Vienna in 1897



Gustav Klimt
(1862 - 1918)



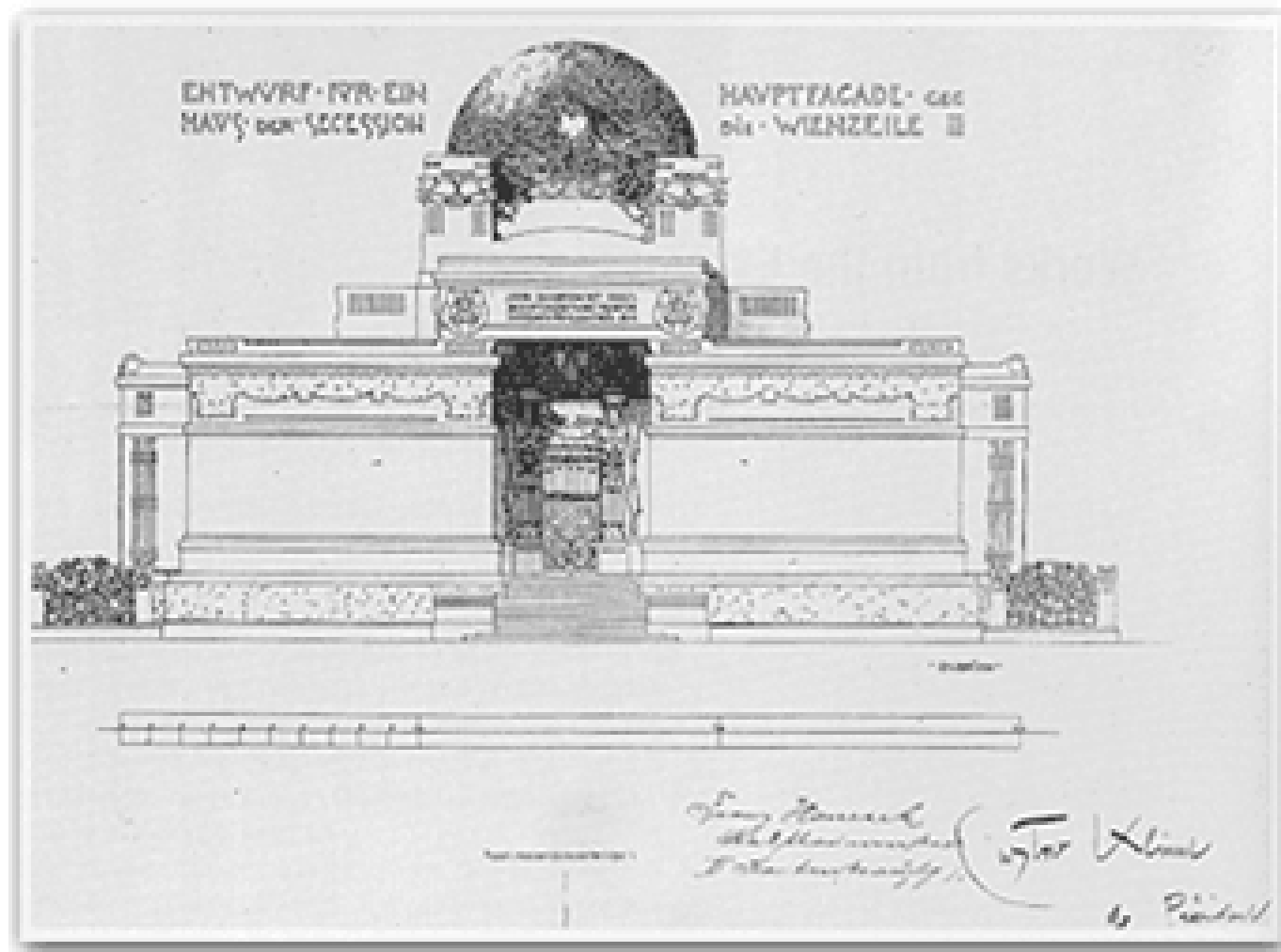
The Kiss
(1908)



(1st Art Exhibition of the SECESSION)
(Gustav Klimt, 1898)



(1st Art Exhibition of the SECESSION)
(Gustav Klimt, 1898)



The Vienna Secession Building

(Joseph-Maria Olbrich, 1898)

„Der Zeit ihre Kunst, der Kunst ihre Freiheit“,



The Vienna Secession Building

(Joseph-Maria Olbrich, 1898)

„Der Zeit ihre Kunst, der Kunst ihre Freiheit“,



Ver Sacrum (Sacred Spring)
(published from 1898 to 1903)



SECESSION

Vereinigung bildender Künstler (Association of Visual Artists) Österreichische Secession
founded in Vienna in 1897



Koloman Moser
(1868 - 1918)





(13th Art Exhibition of the SECESSION)
(Kolo Moser, 1902)



Cover Art of Ver Sacrum (No. 6,1902)
(Kolo Moser 1902)



(Artwork of PERVASIVE 2004)
(after Kolo Moser)



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Friedemann Mattern
(General Chair)



Albrecht Schmidt
(Workshop Chair)



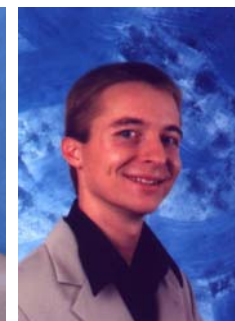
Gabriele Kotsis
(Doctoral Colloquium Chair)



Horst Hörtner
(Video Chair)



*Rene Mayrhofer,
Simon Vogl*
(Tutorial Co-Chairs)



*Karin Hummel,
Rene Mayrhofer*
(Publicity Co-Chairs)

Opening Address PERVASIVE 2004, A. Ferscha



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(Chair:
Alois Ferscha)

Gregory **Abowd**, Georgia Institute of Technology, USA
Michael **Beigl**, Universität Karlsruhe, Germany
Mark **Billinghurst**, University of Washington, USA
David **De Roure**, University of Southampton, UK
Anind **Dey**, Intel Research, USA
Elgar **Fleisch**, Universität St. Gallen, Switzerland
Hans Werner **Gellersen**, Lancaster University, UK
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Horst **Hörtner**, Ars Electronica Center, Austria
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Dieter **Schmalstieg**, TU Vienna, Austria
Albrecht **Schmidt**, Ludwig-Maximilians-Universität Munich, Germany
Vincent **Stanford**, NIST, USA
Thad **Starner**, Georgia Institute of Technology, USA
Franco **Zambonelli**, University of Modena and Reggio Emilia, Italy
Albert **Zomaya**, The University of Sidney, Australia

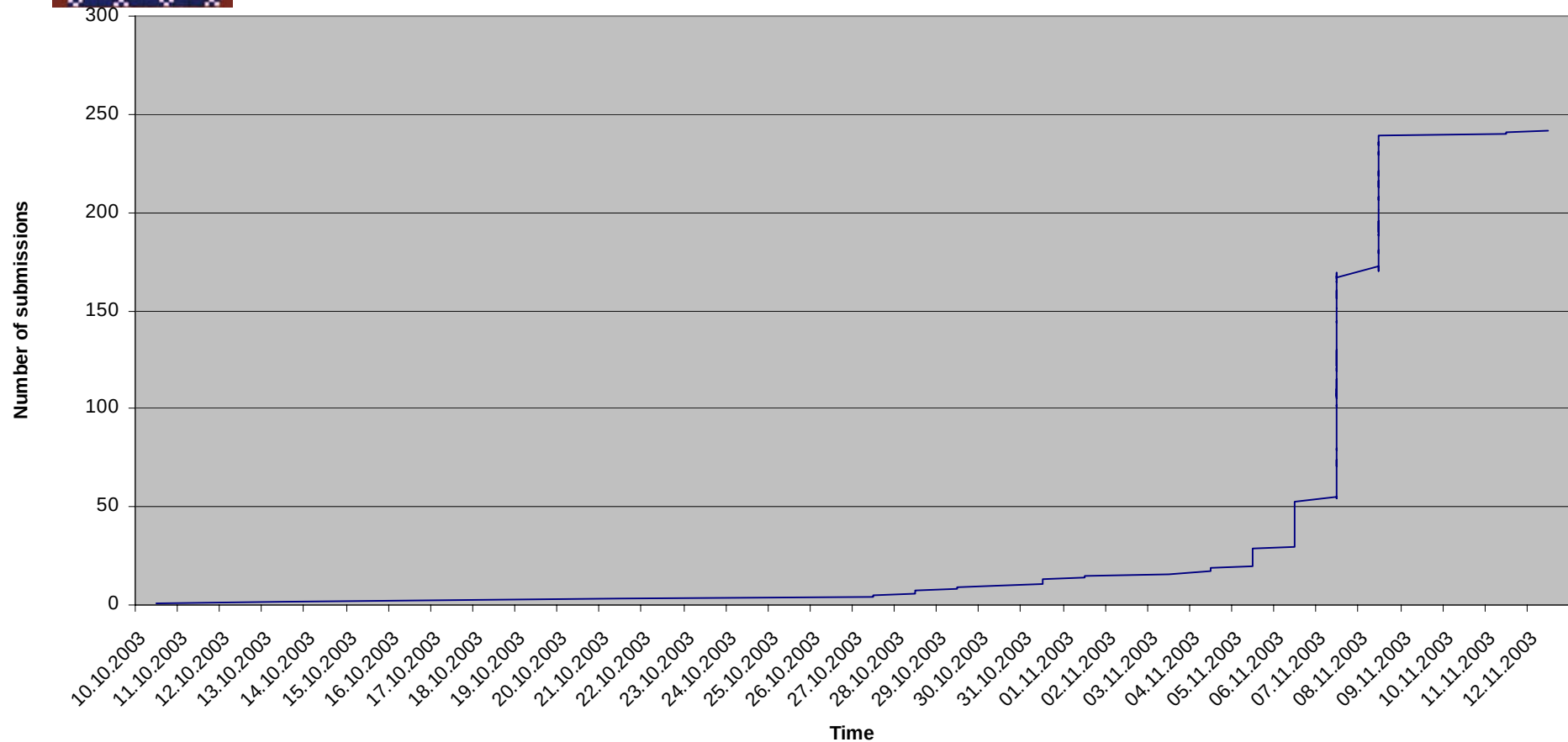


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Submissions in Paper track

Submission behavior



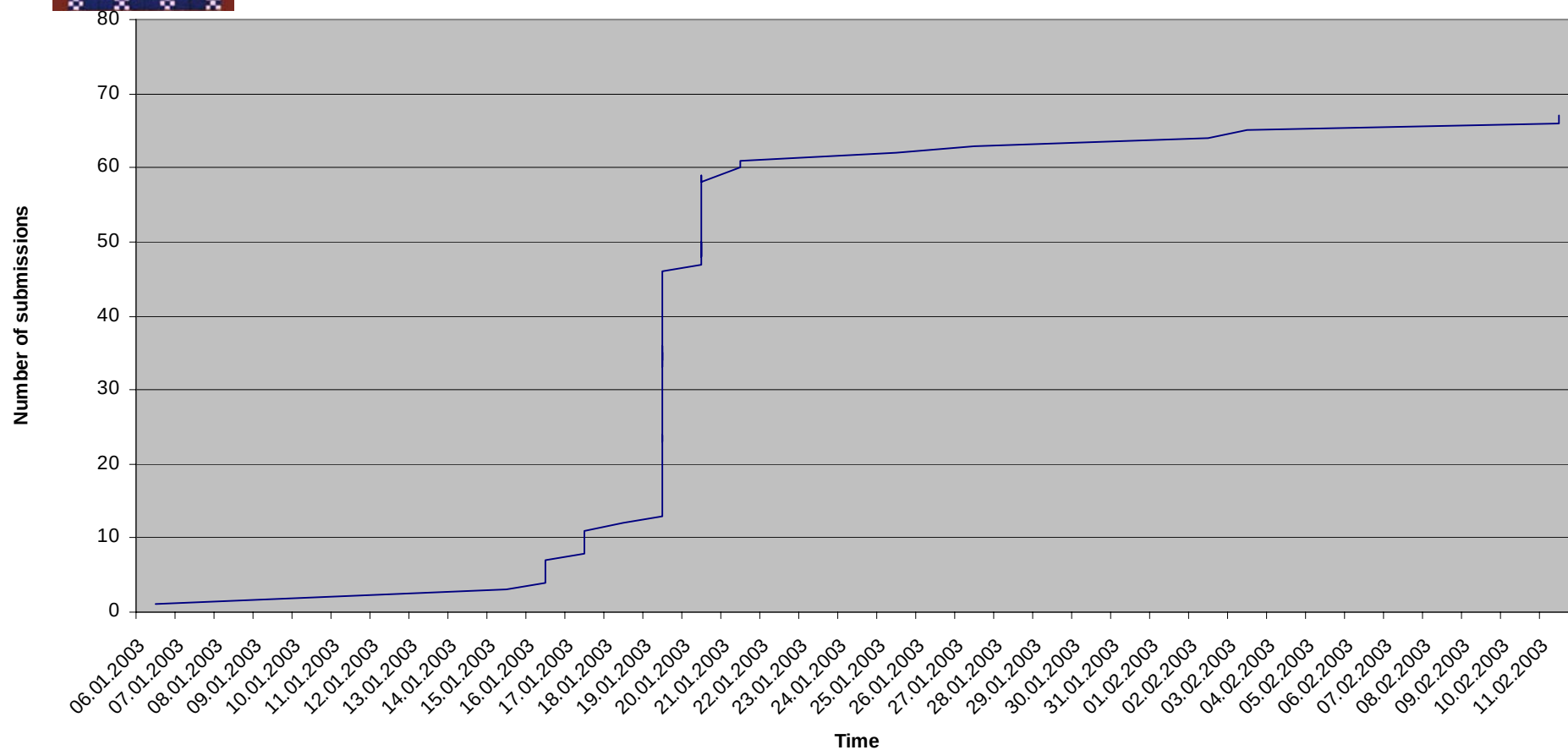


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Submissions in Hot Spot Paper and Video tracks

Submission behavior





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Paper track:

212 submissions **(12.3 %)**
at least 3 reviewers per paper
3.06 on average
accepted 18 Full Papers
accepted 8 Tech-Notes

Hot Spot track:

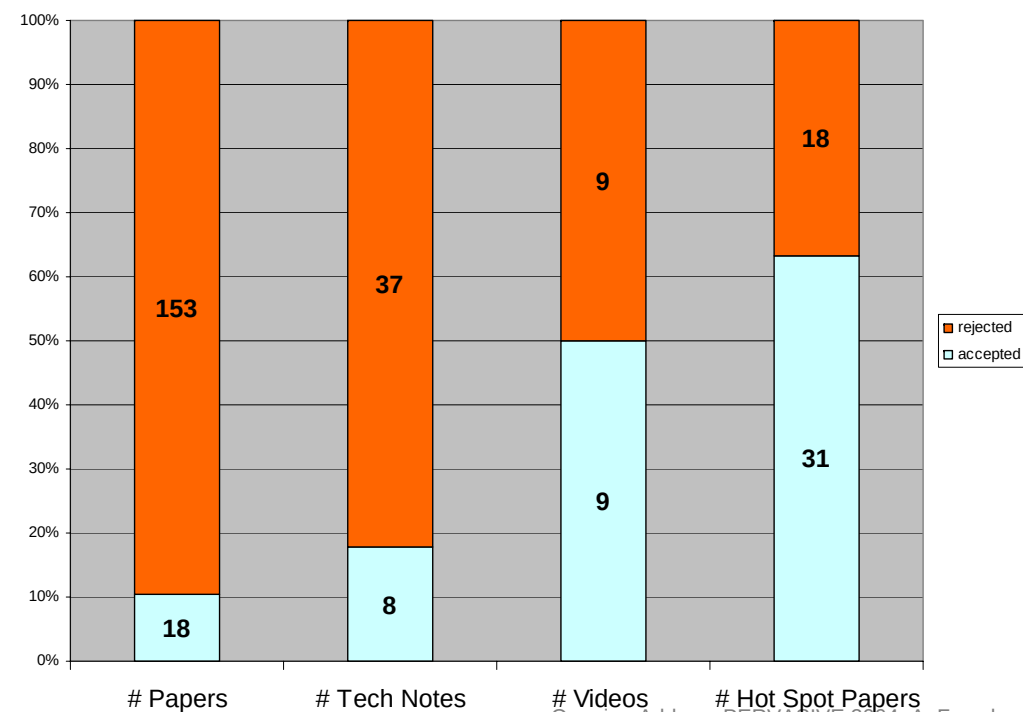
49 submissions, accepted 31 **(63.3 %)**

Video track:

17 submissions, accepted 9 **(52.9 %)**

Doctoral Colloquium:

32 submissions, accepted 28 **(87.5 %)**

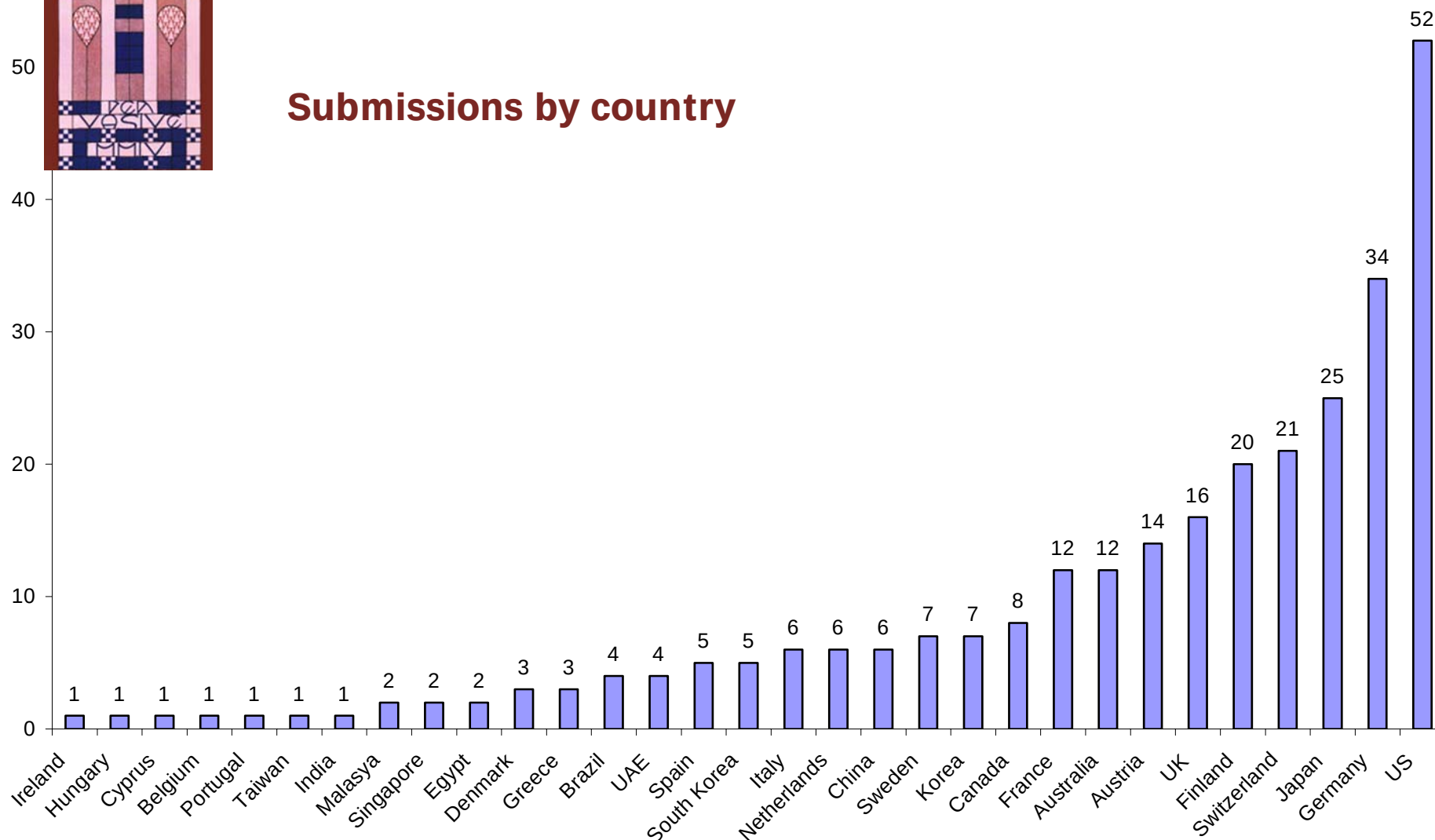


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Submissions by country

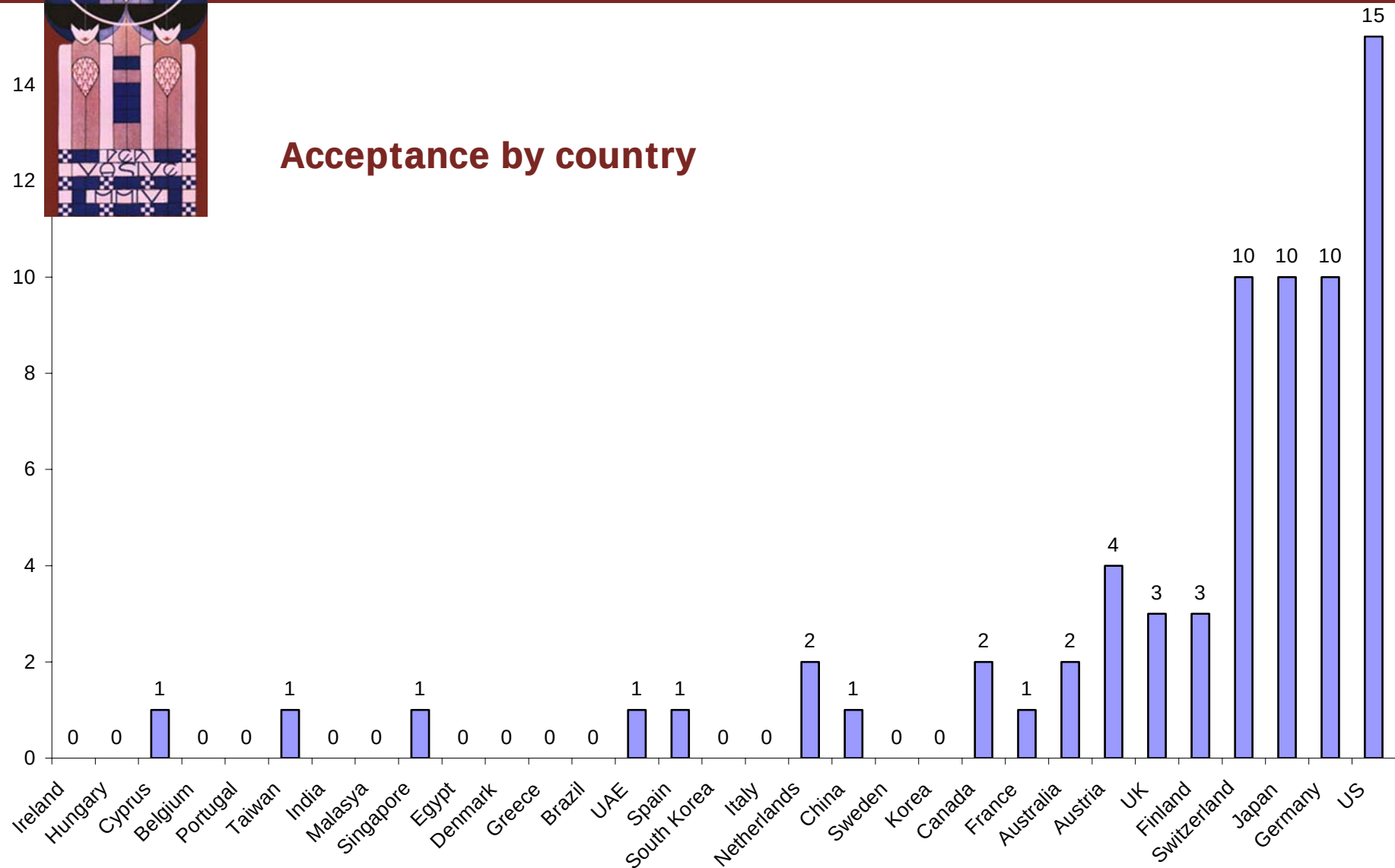


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Acceptance by country

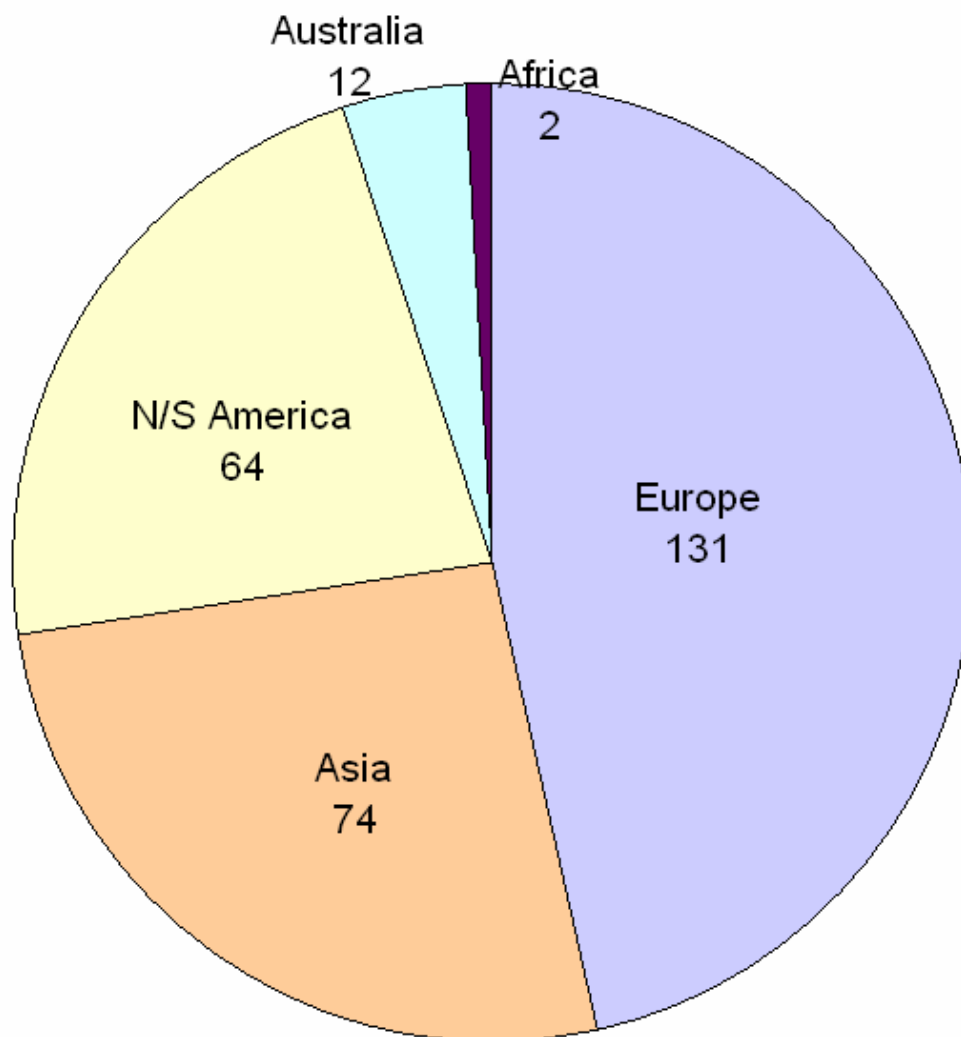




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Submissions

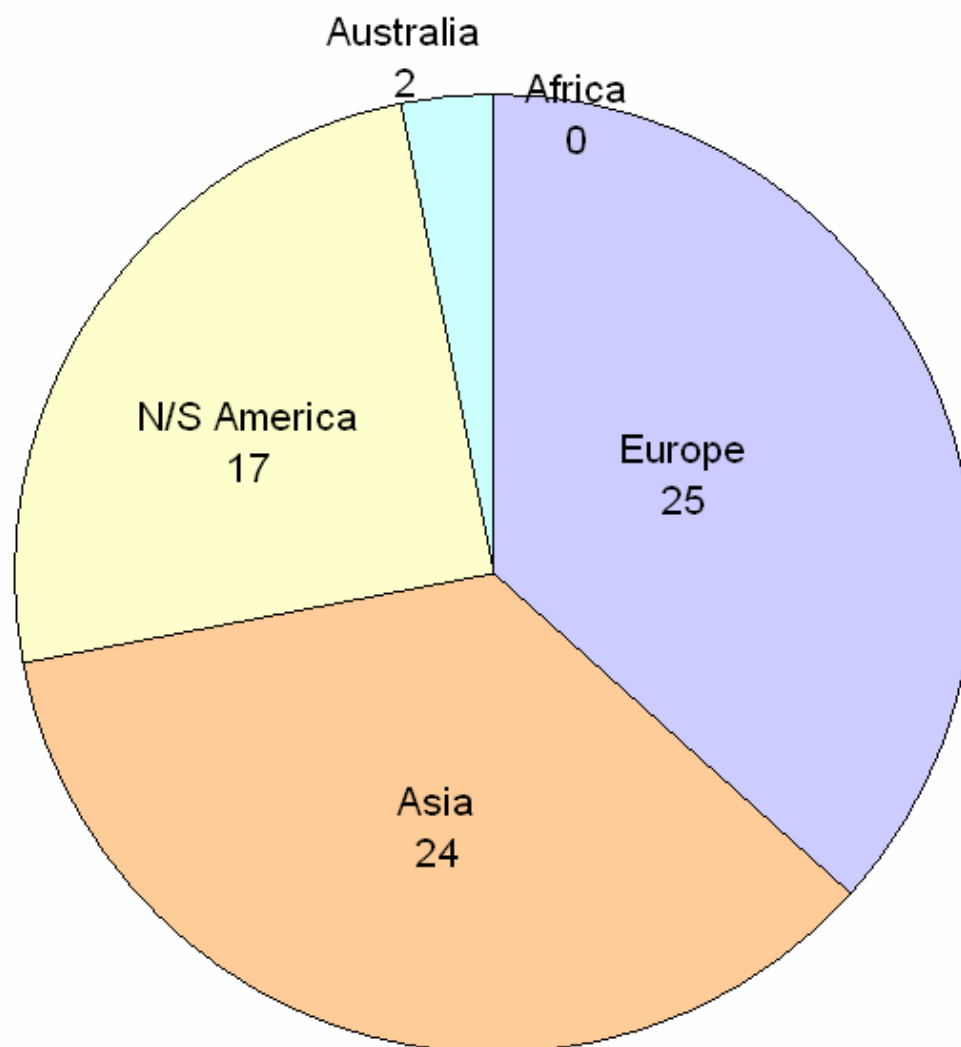




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Acceptance





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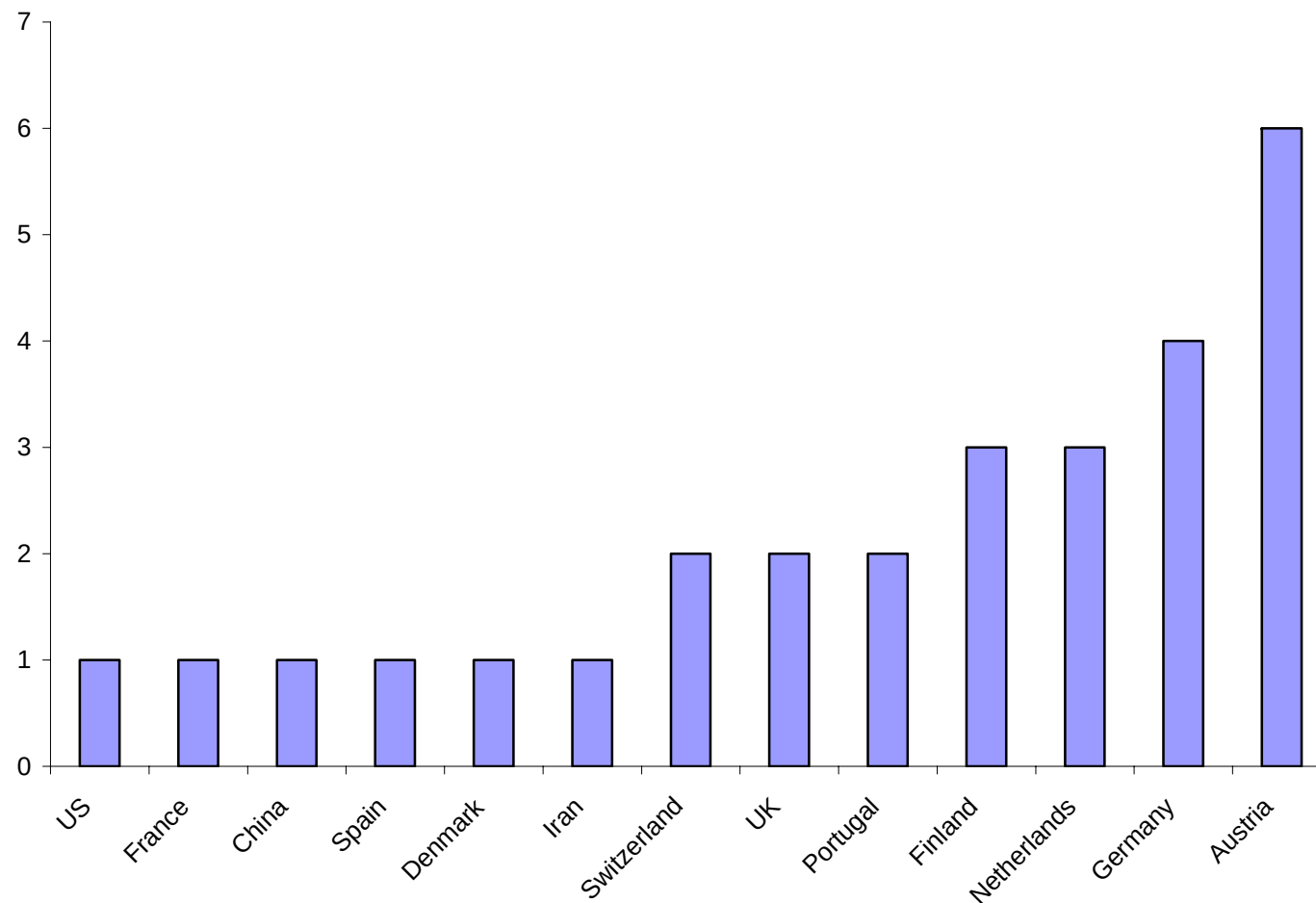




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Acceptance for Doctoral Colloquium





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Reinhold Achatz

„Within the next few years, Pervasive Computing will rigorously change the world of software, but more than that, also our personal lives.”

SIEMENS



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Jorgen Bang-Jensen

“Pervasive computing is for ONE a development into the future, bringing together computing and communication in a more human way.





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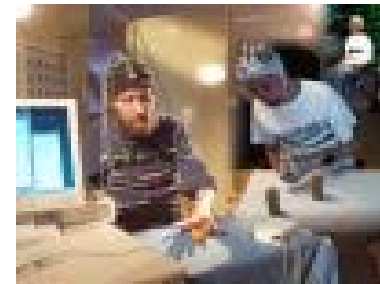
Wednesday, 09:30 – 10:30 Keynote I

Chair: Günter Haring (University Vienna, Austria)



Brain Computer Interfaces

Bernhard Graimann
(University of Technology, Graz, Austria)





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14:00 – 15:30 Hot Spot & Video Sketches

Chair: Lars Eric Holmquist (Viktor Institute, Sweden)

39 Hot Spot Papers

Chair: Alois Ferscha (University of Linz, Austria)

9 Video Papers

Chair: Horst Hörtner (AEC Future Lab, Austria)

Highlight your work in 2 minutes!!

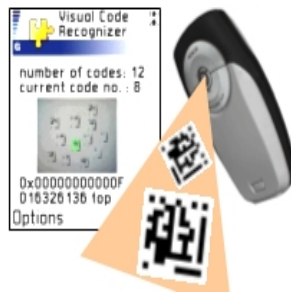
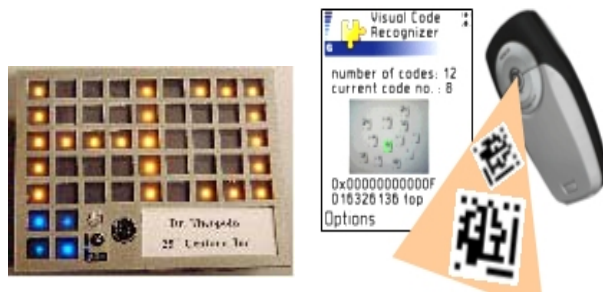
Line up in sequence according to Paper ID H01 .. H31, V01, .. V09



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Demonstrations





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April 21, 18:30 – 20:30 Reception





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Wednesday, 21:00 – 21:30 Video Night

Chair: Horst Hörtner



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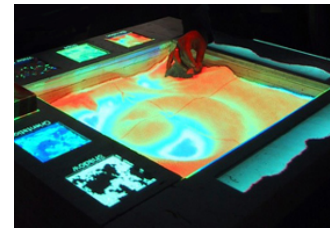
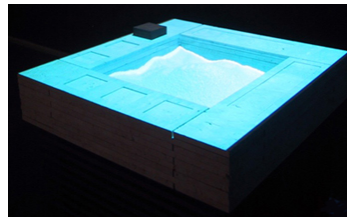
Thursday, 09:00 – 10:00 Keynote II

Chair: Alois Ferscha (Johannes Kepler University Linz, Austria)



Tangible Bits

Hiroshi Ishii
(Tangible Media Group MIT Media Lab)





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Wednesday

18:30 – 23:00 Conference Dinner





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April 23rd, 2004

15:30 – 16:00 Closing Session

PERVASIVE 2005



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Rudolf Ardelt
(Johannes Kepler University, Linz, Austria)

“Pervasive Computing is one of the key research lines at the Johannes Kepler University of Linz. We are proud to host PERSIVE 2004.”



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Organisation



Institut für Pervasive Computing

Johannes Kepler Universität Linz
Altenberger Straße 69
A-4040 Linz
www.soft.uni-linz.ac.at



Österreichische Computer Gesellschaft

Wollzeile 1-3
A-1010 Vienna
www.ocg.at



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Gabriele Kotsis
(President of the OCG)



Eugen Mühlvenzl
(General Secretary of the OCG)



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