

EURANDOM NEWSLETTER

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(the last letter was December 2002)

EURANDOM continues to attract talented young people from all over the world to do research at the institute, for periods of two to three years. On December 31, 2002, EURANDOM had a scientific staff of 27 postdocs, PhDs and part-time research fellows. Nine out of thirteen postdocs who left the institute continued their career in a tenured academic or industrial position in Europe or elsewhere. We are particularly proud of this fact, since it is one of the main reasons for running the institute. In 2002 eleven out of forty postdocs were female.

The number of workshops at the institute in 2002 was 6. The number of visitors in 2002 was 53 (senior and junior researchers), who stayed for a period of approximately 73 weeks total; most visitors came from Europe. The number of EURANDOM reports is 44; the number of publications in international refereed journals was over 100.

The Annual Report 2002 will soon be available on request, as well as the Executive Summary version.

As in 2002, EURANDOM will continue to prepare for the 6th Framework Programme through its international contacts with European research groups. In November representatives of the institute attended the conference in Brussels where FP6 was launched as well as some Dutch meetings organised by the National Contact Point. Two Expressions of Interest (Eoi) were sent in by the institute. Furthermore, EURANDOM took part in an Eoi of ERCOM (European Research Centres On Mathematics) aimed at getting mathematics on the agenda of the EU.

An application with the European Science Foundation (ESF) for a Scientific Programme on random dynamics of spatially extended systems was granted in December 2001 and started running in 2002, involving 13 European countries. One workshop took place in 2002 (Leuven); four other workshops are scheduled for 2003. For 2004 and 2005 three workshops are planned. An extensive visitors exchange is part of this programme.

The workshop on Data Mining in April 2003 was organised in the framework of the Thematic Network on business and industrial statistics (Pro-ENBIS), which is funded by the EU.

In Autumn 2002 a discussion on the re-alignment of the programmes was initiated with all the senior researchers involved with the institute. Further discussions on future strategy continued in 2003 and will be implemented in the course of 2004. A decision was taken to merge two research groups (AS and CSM) into Statistical Information and Modelling (SIM), and to change the name of another research group (FS) to Stochastics of Extremes and Risk Analysis (SERA) in order to better express the actual activities in this programme.



As usual, social activities were organised, such as farewell parties for postdocs, a Christmas dinner, a New Year drink and a visit by bike to a weaving mill in Geldrop, ending with midget golf and a barbecue.

The Scientific Council (SciCo) of EURANDOM had its regular meeting this year on June 6 and 7. One of the items on the agenda was the earlier mentioned re-alignment. Furthermore, members of the Scientific Council have been speaking with 6 postdocs who recently arrived and 5 postdocs who were already at EURANDOM for a longer period. SciCo members were impressed by the quality and the enthusiasm of the postdocs.

A new initiative is started in order to strengthen the EURANDOM contacts: the EURANDOM alumni network. We hope to organise a first gathering around New Year.

EURANDOM took part in the annual ERCOM meeting. It was decided to send in a joint application for NEST pathfinder.

As employees of EURANDOM are in fact appointed at Eindhoven University of Technology (TU/e), they benefit from secondary employment conditions of the University. This includes a.o. Dutch language classes, computer courses, the possibility to purchase a bike or a computer or a notebook with attractive tax reduction. One of the recent activities was a short course to avoid RSI (Repetitive Strain Injury).

Miscellaneous

*Luis Artiles Martinez just returned from his sabbatical in Cuba and will continue his work at EURANDOM for another year;

*Talia Figarella finished her project for her study of Mathematics for Industry and will continue her research as PhD-student at EURANDOM;

*Patty Koorn started to work as secretary (administrative support);

*Project coordinator Richard Gill is having a sabbatical in Germany.

People who left

*Zbigniew Palmowski returned to Poland to continue his work at Wroclaw University; Johan Segers (Belgium) accepted a tenure track position at Tilburg University; Florence Drouvin (France) found a job as secretary at Philips; Natalia Rosca decided to change project within the University.

People that will leave EURANDOM soon:

*July: Bojan Basrak (Croatia);

*August: Jyri Lember (Estland), Arnaud Le Ny (France);

*September: Nino Mushkudiani (Georgia), Bas Lemmens (The Netherlands), Sonia Hernandez Alonso (Spain).

New people

ISS: Akira Sakai (Japan) - January

ISS: Fabio Toninelli (Italy) - February

ISS: Federico Camia (Italy) - March

SERA: Sophie Ladoucette (France) - April

SERA: Mandira Sarma (India) - May

SIM: Peter van de Ven (The Netherlands) - February

SIM: Farida Enikeeva (Russia) - May

SIM: Vladimir Kulikov (Russia) - May

SIM: Talia Figarella (Venezuela) - June

People to arrive soon:

SIM: Iryna Snihir (Russia) – September

ISS: Dmitri Znamenski (Russia) - October

ISS: Karel Netocny (Czechia) – November

Visitors January – July 2003

ISS

F. Nardi (Università degli Studi di Roma, I), A. Greven (Friedrich-Alexander-Universität Erlangen-Nürnberg, De), E. Scoppola (Università degli Studi "Roma Tre", I), J. Gaertner (Technische Universität Berlin, De), P. Clement (TU Delft, NL), W. Desch, (Universität Graz, A), N. Guillotin-Plantard (Université Claude Bernard Lyon I, Fr), M. v.d. Berg (University of Bristol, UK), J.P. Bardet (Université de Paris X, Fr. and EPFL, Lausanne, Ch), B. Brzezniak (University of Hull, UK), P. Pfaffelhuber (Universität Erlangen-Nürnberg, De), T. Schreiber (University Torun, Pl).

Coming guests:

In the second half of 2003 EURANDOM will host the **Stieltjes Visiting Professor**, Prof. G. Slade, University of British Columbia, CA (September 6-November 29).

Furthermore we will welcome: K. Simon (Technical University Budapest, Hu), M. Holmes (University of British Columbia, CA), A. Greven (Friedrich-Alexander-Universität Erlangen-Nürnberg, De), B. Hughes (University of Melbourne, AU), H. Toth (Technical University Budapest, Hu)

SERA

H. Albrecher (Graz University, A), L. Peng (Georgia Institute of Technology, USA)

SIM

G.M. D'Ariano (Università di Pavia, I), M. Belkin (University of Chicago, USA), J.A. Larsson (Linköping University, S), D. Petz (Budapest University of Technology and Economics, Hu), M. Huskova (Charles University, Prague, Cz)

SN

U. Yechiali (Tel Aviv University, IL), J. Sztrik (University of Debrecen, Hu), D. Denisov (Heriot-Watt University, UK)

Coming guest:

D. Perry (University of Haifa, IL), O. Kella (Hebrew University of Jerusalem, IL)

CMB

G. Lunter (University of Oxford, UK), D. Goldstein (ISREC, Ch)

Workshops January - June 2003

- CSM** Statistical Learning in Classification and Model Selection , Jan 15-18, co-funded by NWO and KNAW 48 participants
- SERA** Dependency in Extreme Value Theory, Jan 23-25, co-funded by NWO, 48 participants
- SERA** Tutorial "Reinsurance", J. Teugels, Febr. 12 +13, 25 participants
- CMB** (EURANDOM participation in) Statistical Aspects of Micro-Array Data, Febr. 20-22
- SN** Performance Analysis of communication Systems, March 13+14, 60 participants
- SIM** Datamining, April 23-25 co-funded by PRO-ENBIS, 46 participants
- ISS** Randomness in Space and Time, June 23-25, co-funded by NWO and OTKA, held in Budapest
- Dutch Mathematical Congress in Nijmegen (NMC), co-sponsored by EURANDOM May 1+2

Upcoming EURANDOM workshops:

September 8-11, 2003 Workshop on "Heavy Traffic Analysis and Process Limits of Stochastic Networks

<http://www.eurandom.tue.nl/workshops/heavy%20traffic/totaal.htm>

December 8-10, 2003 Workshop on "Gibbs vs. non-Gibbs" in statistical mechanics and related fields

<http://www.eurandom.tue.nl/workshops/2003/Gibbs%20vs%20non-Gibbs.htm>

June 14-18, 2004, conference mODa 7

<http://www.eurandom.tue.nl/workshops/2004/MODA7/start.htm>

Miscellaneous

φEURANDOM and NISS decided to start cooperation via joint workshops and visitor / postdocs exchange.

φEURANDOM and the Mathematical Research Institute (MRI) also signed a memorandum of understanding for cooperation.

φEURANDOM became member of EMS.

φNicola Armstrong, postdoc at EURANDOM was rewarded a Visitor grant from ESF.

φ1 postdoc position was rewarded to Frank den Hollander out of the Open Competition.

φ1 postdoc was rewarded to Remco van de Hofstad (TU/e), Gerard Hooghiemstra (TUD) and Piet van Mieghem (TUD) in the programme "Statistical Analysis of Internet data" within the NWO programme "Netwerken". Dmitri Znamenski will start in September.

φFOM granted a two-year postdoc position in a joint project with Aernout van Enter (RUG) and Frank den Hollander (EURANDOM). Karel Netocny started in Groningen in November 2002 and will start at EURANDOM in November 2003 for the second year. Subject: Gibbs measures under random Dynamics-2 (within Mathematical Physics, FOM/GBE).

φChristian Gromoll is working as a Marie Curie Fellow at the institute since December 1, 2002.

φNWO supported the workshops: "Statistical Learning in Classification and Model Selection", "Dependence in Extreme Value Theory" and "Randomness in space and Time"

KNAW supported the workshop "Statistical Learning in Classification and Model Selection".

For an overview of activities, people, EURANDOM reports etc. see www.eurandom.tue.nl

For an overview of Newsletters see: <http://www.eurandom.tue.nl/Newsletter/Newsletter%20index.htm>