# 7. Conferences 1998

**International Conference on Probability and Its Applications**
**February 24–26, 1998**
**Taejon (Korea)**

The venue of the conference is the Korea Advanced Institute of Science and Technology (KAIST) in Taejan.

It is organized by the Center for Applied Mathematics of KAIST in conjunction with the Korean Mathematical Society, and is supported by the Korea Science and Engineering Foundation and the Korea Research Foundation. It will be held under the auspices of EAPRC and with the support of the Bernoulli Society.

For further information, please contact:
Bong Dae CHOI
Center for Applied Mathematics
Korea Advanced Institute
of Science and Technology
Taejon 305-701
Korea email: bdchoi@math.kaist.ac.kr

Details about the conference will also be available at the website (to be set up soon):

http://sunsite.nus.sg/bernoulli.EAPRC

**SPA'98**
**25th International Conference on Stochastic Processes and their Applications**
**July 5–11, 1998**
**Corvallis, Oregon (USA)**

Details of the scientific programme can be found in the last issue of Bernoulli News.

The local organizers are Robert Burton, Mina Ossiander and Ed Waymire.

The SPA'98 Web Page can be found at
http://www.orst.edu/Dept/math/docs/spa98.html
It will be regularly updated as a principal source of conference information.

A contact address is
E. Waymire
Department of Mathematics
Oregon State University fax: +1 503 737 0515
Corvallis, OR 97331, USA.
email: spa98@math.orst.edu

**"Chance" (Der Zufall)**
**Meeting of the German Academy of Natural Scientists (LEOPOLDINA)**
**April 17–18, 1998**
**Halle (Germany)**

Organizing Committee
H. Bauer, H. Föllmer, J. Moser, V. Strassen, K. Krickeberg (Chair)

The aim of the meeting is to study one of the fundamental themes of the Bernoulli Society, viz. the role of the concept of chance in a variety of sciences. Both "Chance" as an idea and "Chance" as a tool will be discussed, and their roles in the sciences listed in the programme below will be compared, in particular with a view of distilling common aspects. The meeting is sponsored by the Bernoulli Society.

Each lecture, of a duration of 40 minutes, will provide a short general overview, and will then proceed to a deeper analysis of a specific topic as indicated in the subtitle. There will be ample time for discussion. All lectures will be given in German but contributions to the discussion may also be made in English.

Scientific Programme

17. April, morning:
ASTRONOMY (Cosmology): G. Börner
PHYSICS (Statistical mechanics, quantum mechanics): D. Dürr
CHEMISTRY (Polymeres): F. den Hollander

17. April, afternoon:
BIOLOGY (Molecular evolution): A. von Haeseler
BIOLOGY (Human genetics): M. Baur
MEDICINE (Epidemiology): M. Blettner

17. April, evening:
Movie "Chance" by Krzysztof Kieslowski
(not yet confirmed)

18. April, morning:
ECONOMICS (Chance in financial and insurance markets): H. Föllmer.
COMPUTER SCIENCE (Algorithms): R. Seidel
STATISTICS (Resampling): I. Pigeot

Information, in particular regarding registration and accommodation in Halle, can be obtained from:
Kanzlei der LEOPOLDINA
August-Bebel-Str. 50a
D-06108 Halle phone: +49 345 2 02 50 14
Germany fax: +49 345 2 02 17 27
email: president@leopoldina.uni-halle.de

**EMS'98**
**22nd European Meeting of Statisticians**
**August 12–18, 1998**
**Vilnius (Lithuania)**

The meeting is also the 7th Vilnius Conference on Probability Theory and Mathematical Statistics, and will reflect the traditions of those meetings as well as those of the European Meetings of Statisticians.

The traditional special invited lectures at European Meetings of Statisticians will be given by Richard Gill (The Opening Lecture) Nancy Reid (The Forum Lectures) and Jean-Francois Le Gall (The Closing). A Special Vilnius Lecture will be given by Vidmantas Bentkus.

A Royal Statistical Society session is being planned as well as a special session on the role of statistics in young democracies and transition economies, organized in collaboration with the International Association of Official Statistics. T. Toczynski (President of the Polish National Bureau of Statistics) and Sten Johansson (Professor of Sociology and former Director General of Statistics Sweden) have agreed to give talks in the latter session. There will also be a round table discussion on economy and statistics.

INVITED SESSIONS (organizer)

<u>General inference</u>

Identifiability of causal effects (Juni Palmgren)
Semiparametric models (Susan Murphy)
Robustness (Stephan Morgenthaler)
Smoothing with applications (Alois Kneip)
Statistical aspects of model choice (R. Tibshirani)
Effective and adaptive estimation (Ildar Ibragimov)

<u>Time series</u>

Wavelets in statistics (Michael Neumann)
Bootstrapping time series (Peter Bühlmann)
Long range dependence (H. L. Koul)

<u>Statistics and probability in the life sciences</u>

Inferential approaches to the analysis of longitudinal data (Garret Fitzmaurice)
Sampling in epidemiology (Oernulf Borgan)
Missing data in longitudinal studies (Geert Molenberghs)
Statistics and probability in molecular biology (Simon Tavare)
Branching processes of biology (Marek Kimmel)
Spread of epidemics (Gian Paolo Scalia Tomba)

<u>Statistics and probability in natural and social science</u>

Measurement error and calibration (Phil Brown)
Image analysis (Mats Rudemo)
Income distribution and other statistical problems in economics (Maria-Pia Victoria-Feser)
Financial and actuarial mathematics (F. Delbaen)

<u>Applied probability</u>

Particle systems (Donatas Surgailis)
Spatial interaction (Marie-Colette van Lieshout)
Highly structured systems (Peter Green)
Stochastic algorithms
Probabilities on trees (Vladimir Vatutin)

<u>Probability</u>

Stochastic analysis (David Elworthy)
Asymptotic properties of distributions (Vygantas Paulauskas)
Empirical processes (Sara van de Geer)
Probability and geometry in Banach space (Stanislaw Kwapien)
Quantum probability (Luigi Accardi)
Probabilistic number theory (Jonas Kubilius)
Large deviations (Srinivas Varadhan)
Markov processes and cycle representations (Sofia Kalpazidou)
Random walks with random potentials (Frank den Hollander)
Stochastic differential equations (G. Da Prato)

Local Organizer:
V. Statulevicius
Institute of Mathematics & Informatics
4, Akademijos st.
Vilnius 232600/Lithuania
email: mathematica@mii.lt

**Prague Stochastics'98**
**6th Prague Symposium on Asymptotic Statistics &**
**13th Prague Conference on Information Theory, Statistical Decision Functions and Random Processes (joint session)**
**August 23–28, 1998**
**Prague (Czech Republic)**

The conference is organized by the Department of Probability and Mathematical Statistics of the Faculty of Mathematics and Physics, Charles University and the Department of Informatics of the Institute of Information Theory and Automation, Academy of Sciences of the Czech Republic under the auspices of the Rector of the Charles University, President of the Academy of Sciences of the Czech Republic, the Bernoulli Society, the Union of Czech Mathematicians and Physicists and the Czech Statistical Office.

The scientific programme of the conference will cover a wide range of probability and statistics, with special emphasis on such topics of this lively field which have been pursued in Prague. The programme will include invited lectures, contributed papers and poster sessions.

The Programme Committee is chaired by Josef Štěpán and includes the following sections (with organizers in brackets):

Asymptotic statistics (Marie Hušková)
Econometrics - diagnostics and sensitivity (Jan Amos Víšek)
Financial & insurance mathematics (Petr Mandl)
Non-parametric estimation and testing (Jana Jurečková)
Random fields and processes (Martin Janžura)
Statistical information theory (Igor Vajda)
Statistics in biological and epidemiological research (Jana Zvárová)
Stochastic analysis (Bohdan Maslowski)
Stochastic programming (Jitka Dupačová)
Stochastic geometry (Viktor Beneš)
Structured stochastic models (Radim Jiroušek)
Time series (Jiří Anděl )
Uncertainty modelling (Milan Mareš)

Chair of the Organizing Committee:
Zuzana Prášková

For more information please contact:
Martin Janžura
ÚTIA AVČR phones: +420 2 6605 2572
P.O.B. 18, +420 2 6605 2426
182 08 Prague fax: 420 2 688 4702
Czech Republic email: stoch98@utia.cas.cz
http://www.utia.cas.cz/stoch98.html

**VII CLAPEM**
**7th Latin American Congress of Probability and Mathematical Statistics**
**Cordoba (Argentinia)**

The VII Latin-American Congress of Probability and Mathematical Statistics (CLAPEM) will take place in Cordoba, Argentina, during fall of 1998. It will be a joint meeting with the Iberoamerican Congress of Statistics. More detailed information will be provided in the next issue of this newsletter.

**The Fields Institute for Research in Mathematical Sciences**
**Program in Probability and its Applications**
**August 1998 - June 1999**
**Toronto (Canada)**

Organizing Committee
D. Dawson, N. Madras, T. Salisbury, G. Slade

Program Committee
D. Dawson (Fields), G. Grimmett (Cambridge),T. Lyons (Imperial), T. Kurtz (Wisconsin), N. Madras (York), E. Perkins (U.B.C.), T. Salisbury (York), G. Slade (McMaster), S.R.S. Varadhan (Courant)

Topics of Concentration
August - December 1998:
Probability and Physics,
Probability and Communications
January - June 1999:
Probability and Biology,
Probability and Finance.

Approximately 8 workshops are planned. Graduate courses are planned in both terms of the program. The program includes a monthly series of distinguished lectures, to be called the Kolmogorov Lectures. Funding will be available for visitors, postdoctoral fellows, and graduate students.

As it becomes available, information will be posted on the program's website
http://www.fields.utoronto.ca/

For further information please contact:
The Fields Institute for Research
in Mathematical Sciences
222 College Street, Second Floor,
Toronto, Ontario, M5T 3J1
Canada phone: +416 348 9710
fax: +416 348 9385
email: probability@fields.utoronto.ca