

Programme

**European Patent Office
The Hague, 9 - 10 November 2004**

International Symposium on Nanotechnology and Patenting



Tuesday, 9 November 2004

From Science to Applications

08.15 Registration
EPO International Academy

Opening Session

Master of Ceremony: Wolfram Förster
Controller, EPO

09.00 ■ Axel Zweck
VDI Technologiezentrum GmbH, Future
Technologies Division
■ Bruno Vandermeulen
Chair, European Committees of L.E.S.I.
■ Walter Holzer
President, European Patent Institute (*epi*)

Session II

Routes to Nanotechnology

Chair: Harry F. G. Geijzers
President, Netherlands Industrial Property Office

09.20 **Scientific Routes to Nanotechnology**
■ Klaus von Klitzing
Nobel Prize Laureate, Director Max-Planck-
Institut für Festkörperforschung, Stuttgart, DE

10.00 **Industrial Strategies for Nanotechnology**
■ Raymond Oliver
Science and Strategy Adviser, Cenamps,
Newcastle upon Tyne, UK

10.30 Coffee Break, Press Briefing

11.00 **EUVL: Single Use Technology for a Billion
Dollar Market?**
■ Serge Tedesco
Commissariat à l'Énergie Atomique-LETI, FR

11.30 **Long Term Visions in Nanotechnology: Science-Fiction or Reality?**

■ [Wolfgang Heckl](#)

Institute for Crystallography, Ludwig-Maximilians-Universität, Munich, DE

12.00 Lunch

**Session III
Nanotechnological Tools and
Electronic Applications**

Chair: [Gerd Bachmann](#)

VDI Technologiezentrum, Future Technologies Division, Düsseldorf, DE

13.10 **SPM Applications & Analytics**

■ [Christoph Gerber](#)

NCCR Nonoscale Science, Institute of Physics, University of Basel, CH

13.35 **Nanoimprint**

■ [Patrick Lundström](#)

Chief Executive Officer, Obducat, Malmö, SE

14.00 **Nanoelectronic Applications**

■ [Gabriel Aeppli](#)

Department of Physics and Astronomy, University College London, UK

14.25 **Molecular Electronics**

■ [Marcel Mayor](#)

Institut für Nanotechnologie, Forschungszentrum Karlsruhe GmbH, DE

14.50 **Organic Electronics**

■ [Emil List](#)

Institut für Festkörperphysik, Technische Universität Graz, AT

15.15 **Nanotube Electronics**

■ [Wolfgang Hoenlein](#)

Infineon Technologies AG, Munich, DE

15.40 Coffee Break

Tuesday, 9 November 2004

Tuesday, 9 November 2004

Session IV Products Based on Nanomaterials

Chair: Wolfram Förster
Controller, EPO

- 16.10 **Thin Film Technology for Optoelectronic Components**
■ Michael Heuken
Vice-President, Corporate Research and Development, AIXTRON AG, Aachen, DE
- 16.35 **Applications of Nanomaterials**
■ Michael Pitkethly
Commercial Director, QinetiQ Nanomaterials, Farnborough, UK
- 17.00 **Multifunctional Surfaces with Sol-Gel Based Nanomaterials**
■ Helmut Schmidt
Head, Leibniz-Institut für Neue Materialien INM, Saarbrücken, DE
- 17.25 **Nanotechnology and Consumer Products**
■ Peter Dobson
Founder, Oxonica and Professor, Materials Sciences Department at the University of Oxford, UK
- 17.50 **Nanotechnologies and the Life Sciences Industry**
■ Laszlo Üрге
Chief Executive Officer, ComGenex, Budapest, HU
- 18.15 Aperitif
The New Coffee Corner, Auditorium
- Dinner
The Hinge Main Restaurant, EPO

Nanotechnology, Patents and Society

Session V

Patents as Part of the Value-Added Chain

Chair: Nigel Wagstaff

Intellectual Asset Manager, Shell International Chemicals B.V., Amsterdam, NL, and President L.E.S. Benelux

09.00 **Towards a European Strategy for Nanotechnology**

■ Renzo Tomellini

Head, Unit Nanosciences and Nanotechnologies, European Commission, Brussels, BE

09.35 **Market Potential of Nanotechnology until 2015**

■ Tim Harper

Chief Executive Officer, CMP Cientifica and Executive Director, European Nano Business Association, Madrid, ES

10.00 **Nanotechnology at the JPO**

■ Tsutomu Kosugo

Japan Patent Office, Tokio, JP

10.20 Coffee Break

10.50 **Nanotechnology at the USPTO**

■ Bruce Kisliuk

United States Patent and Trademark Office, Washington, USA

11.10 **Nanotechnology at the EPO**

■ Manfred Scheu

European Patent Office, The Hague, NL

11.30 **Podium Discussion**

Strategies and Initiatives along the Value-Added Chain

Chair: J. Hans de Groene

Deputy Director General for Innovation, Netherlands Ministry of Economic Affairs, The Hague, NL

12.30 Lunch

Wednesday, 10 November 2004

Wednesday, 10 November 2004

Session VI Factors for Market Success

Chair: Walter Holzer
President, *epi*

- 13.40 **The Strategy of a Multi-National Company**
■ Livio Baldi
European Cooperative Programs Director,
Central R&D, STMicroelectronics, Agrate, IT
- 14.00 **Innovation Success in Nanotechnology through Patenting**
■ Ada Nielsen
Manager Commercial Development, Nitriles
Licensing, BP Chemicals Inc., Naperville, USA
■ Phil Barnett
Director Intellectual Property Licensing &
Advisory Services, PriceWaterhouseCoopers
LLP, Chicago, USA
- 14.20 **Licensing Strategies in Nanotechnology**
■ Ada Nielsen
Manager Commercial Development, Nitriles
Licensing, BP Chemicals Inc., Naperville, USA
■ Phil Barnett
Director Intellectual Property Licensing &
Advisory Services, PriceWaterhouseCoopers
LLP, Chicago, USA
- 14.40 **Claim Drafting in Nanotechnology: Approaches for Europe, USA and Japan**
■ Rohan Setna
Boulton Wade Tennant Partner, London, UK
- 15.00 Coffee Break
- 15.30 **The Nanohouse: Lessons for Interdisciplinarity**
■ Andreas Gutsch
Managing Director, Degussa AG Creavis
Technologies & Innovation, Marl, DE

Session VII **Ethics, Society and IPR**

Chair: Bert Gordijn

Secretary, European Society for Philosophy of
Medicine and Healthcare, Department of Ethics,
Philosophy and History Medicine, University of
Nijmegen, NL

- 16.00 **Podium Discussion**
Ethical, Social and Legal Aspects of
Nanotechnology

Participants:

- Douglas Parr

Chief Scientist, Greenpeace UK

- Renzo Tomellini

Head, Unit Nanosciences and
Nanotechnologies, European Commission,
Brussels, BE

- Andreas Gutsch

Managing Director, Degussa AG Creavis
Technologies & Innovation, Marl, DE

- Raymond Oliver

Science and Strategy Adviser, Cenamps,
Newcastle upon Tyne, UK

- 17.30 **Closing Remarks**
■ Alain Pompidou
President, EPO

- 18.00 Cocktail Reception
sponsored by *epi*

Wednesday, 10 November 2004

EPO International Academy
Erhardtstrasse 27
80331 Munich
Germany

Tel. +49-89-2399-5235

Fax +49-89-2399-5273

<http://academy.epo.org>
internationalacademy@epo.org

Deadline for registration: 20 October 2004.

**Simultaneous interpretation into French and German
will be provided.**