



**"Conference on the Economics of Technology Policy"**  
Monte Verità, Switzerland  
June 17-22, 2007

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**SUNDAY, June 17**

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16:00 - 19:00 REGISTRATION

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19:00 - 19:45 WELCOME DRINK

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19:45 - 22:00 DINNER at Monte Verità

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**MONDAY, June 18**

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08:30 - 09:00 OPENING : Dominique Foray + Claudia Lafranchi

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09:00 - 10:15 **Session 1a - Market failures, coordination failures: rethinking the rationale for technology policy**  
=> Chair: Reinhilde Veugelers  
Richard R. Nelson  
*Building effective "innovation systems" versus dealing with "market failures" as ways of thinking about technology policy*  
W. Edward Steinmueller  
*Technology policy: The roles of industrial analysis and innovation studies*  
Franco Malerba  
*Increase learning, break knowledge lock-ins and foster dynamic complementarities*  
*Evolutionary and system perspectives on technology policy in industrial dynamics*

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10:15 - 10:45 COFFEE BREAK

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10:45 - 11:45 **Session 1b - Market failures, coordination failures: rethinking the rationales for technology policy**  
=> Chair: Reinhilde Veugelers  
Discussion : Dietmar Harhoff + Frédérique Sachwald

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12:00 - 14:00 LUNCH

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14:00 - 16:00 **Session 2 - Technology policy and complementary policies**  
=> Chair: Bronwyn H. Hall  
Hans Gersbach  
*Basic research and growth policies*  
Giovanni Dosi  
*Patterns of innovation and the political economy of growth. An exploration of different policy regimes*  
Philippe Aghion  
*A primer on innovation and growth*  
Discussion : Paul A. David + Erik Canton

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16:00 - 16:30 COFFEE BREAK

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16:30 - 18:30 **4 parallel sessions - 4 juniors/session**

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18:30 - 19:45 BREAK

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19:45 - 22:00 DINNER at Monte Verità

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**TUESDAY, June 19**

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- 09:00 - 10:30 **Special session**  
=> Chair: Luc Soete  
Nathan Rosenberg  
*Critical episodes in the progress of medical innovation*  
Discussion : Iain M. Cockburn
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- 10:30 - 11:00 COFFEE BREAK
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- 11:00 - 13:00 **Session 3 - IP policy as a part of technology policy**  
=> Chair: David C. Mowery  
Bruno Van Pottelsberghe  
*A problem-solution approach?*  
Dietmar Harhoff  
*IP policy for Europe - Where to go?*  
Alfonso Gambardella  
*Intellectual property and markets for technology*  
Discussion : Bronwyn H. Hall + Esteban Burrone, Nikolaus Thumm
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- 13:00 - 15:00 LUNCH
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- 15:00 - 16:45 **Session 4 - Technology policy and financing innovations**  
=> Chair: Franco Malerba  
Bronwyn H. Hall  
*The financing of research and development*  
Dirk Czarnitzki  
*Investment under uncertainty: The role of R&D subsidies and patent policy*  
Discussion : Reinhilde Veugelers + Beat Hotz-Hart
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- 16:45 - 17:15 COFFEE BREAK
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- 17:15 - 19:00 **Session 5 - Technology policy and the "new" sources of innovation**  
=> Chair: Christopher L. Tucci  
Eric von Hippel  
*Notes for a discussion: Policymaking to support user-centered innovation*  
Yochai Benkler  
*Technology policy, cooperation, and human systems design*  
Discussion : David Encaoua + Theo Roelandt, Rens van Tilburg
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- 19:00 - 19:45 BREAK
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- 19:45 - 22:00 DINNER at Monte Verità
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**WEDNESDAY, June 20**

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08:45 - 10:45    **Session 6 - Policy evaluation**  
=> Chair: Hans Gersbach  
Jacques Mairesse, Pierre Mohnen  
*A survey of innovation surveys: Taking stock of a growing literature*  
Spyridon Arvanitis  
*Impact of the R&D-promoting activities of the Swiss innovation promotion agency KTI on firm innovation performance:  
An evaluation based on a matched-pairs analysis*  
Irwin Feller  
*A policy shaped research agenda on the economics of science and technology policy*  
Discussion : Mark Schankerman + Mark Beatson

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10:45 - 11:15    COFFEE BREAK

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11:15 - 12:15    **Special session**  
=> Chair: Jacques Mairesse  
David Encaoua  
*Nature and sources of the European technogy gap: Creative destruction or industrial policy?*  
Discussion : Luc Soete

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12:15 - 14:00    LUNCH

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14:00 - 15:45    **Session 7 - Technoloav policiv for catchina ud economies**  
=> Chair: W. Edward Steinmueller  
Jan Fagerberg  
*Innovation and development? A fresh look at the evidence*  
Manuel Trajtenberg  
*Innovation policy for development: An overview*  
Discussion : Richard R. Nelson + Alessandro Maffioli

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15:45 - 16:30    BREAK

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16:30 - 18:30    **4 parallel sessions - 4 juniors/session**

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18:30 - 19:45    BREAK

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19:45 - 22:00    DINNER in Ascona - OSTERIA NOSTRANA, on the lakeshore

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**THURSDAY, June 21**

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**09:00 - 10:40 Session 8 - Coordination failures and mission oriented policies**

=> Chair: Jan Fagerberg

David C. Mowery

*What does economic theory tell us about mission-oriented R&D?*

Bhaven N. Sampat

*The dismal science, the crown jewel, and the endless frontier*

Discussion : W. Edward Steinmueller + Christian Seiser

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10:40 - 11:15 COFFEE BREAK

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**11:15 - 12:15 Session 9a - Publicly funded science and technology policy**

=> Chair: Alfonso Gambardella

Paul A. David

*Clearing pathway through the thickets: Mitigating 'anti-commons' constraints on exploratory R&D*

Mark Schankerman

*Harnessing success: Determinants of university technology licensing performance*

Iain M. Cockburn

*Is the market for technology working? Obstacles to licensing inventions, and ways to reduce them*

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12:15 - 14:15 LUNCH

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**14:15 - 15:30 Session 9b - Publicly funded science and technology policy**

=> Chair: Alfonso Gambardella

Patrick Llerena

*University-Industry links and commercialisation of public research results: Lessons from recent policies*

Discussion : Francesco Lissoni + Laurent Miéville

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15:30 - 16:00 COFFEE BREAK

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**16:00 - 17:45 Session 10 : Technology policy in an era of R&D internationalisation**

=> Chair: Pierre Mohnen

Reinhilde Veugelers

*Internationalisation of R&D: Trends impact and policy implications*

Heinz Hollenstein

*Characteristics of foreign R&D strategies of Swiss firms: Implications for policy*

Discussion : David C. Mowery + Frédérique Sachwald

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17:45 - 18:15 COFFEE BREAK

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**18:15 - 19:45 Closing session**

=> Chair: Dominique Foray

Luc Soete

*Research without frontiers*

Discussion : Manuel Trajtenberg

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19:45 - 22:00 DINNER at Monte Verità

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**FRIDAY, June 22**

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a.m. DEPARTURE of speakers and participants

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