

THURSDAY 28 JUNE 2007  
ETH ZÜRICH

AN INTERNATIONAL CONFERENCE ON TECHNOLOGY,  
HISTORY, TRANSPORT PLANNING, SOCIOLOGY, ECONOMICS  
AND POLITICS.

# *FULL SPEED TO THE FUTURE? PERSPECTIVES FOR HIGH SPEED RAIL*



## *THEME*

WHAT ARE THE IMPACTS – ECONOMIC, TECHNICAL AND SPATIAL – OF HIGH SPEED RAIL? UNDER WHAT GEOGRAPHICAL, URBAN DEVELOPMENT AND MARKETING CONDITIONS DOES HIGH SPEED RAIL MAKE SENSE? WHY DID TODAY'S CONVENTIONAL WHEEL/RAIL TECHNOLOGY BECOME GENERALLY ACCEPTED? HOW DOES HIGH SPEED TRAVEL CHANGE THE HUMAN SPATIAL REFERENCE FRAMEWORK? AND, WHAT DOES THIS MEAN FOR THE LONG TERM FUTURE DEVELOPMENT OF RAILWAYS AND OTHER TRANSPORT SYSTEMS IN SWITZERLAND AND EUROPE? THESE ARE SOME OF THE QUESTIONS THAT WILL BE ADDRESSED AT THIS INTERDISCIPLINARY CONFERENCE.

CONFERENCE CONCEPT AND ORGANIZATION:  
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## *PROGRAM*

08.15 REGISTRATION AND COFFEE

09.00 WELCOME BY HANS EISENRING, FORMER CEO SWISS NATIONAL RAILWAYS

### *THE NEED FOR SPEED*

09.15 – 11.00 IDEAS, THESES AND QUESTIONS FROM SOCIOLOGY, SPATIAL PLANNING AND ECONOMICS.

UNDERWAY ON THE TIME EXPRESS – A SOCIOLOGICAL EXPLORATION OF THE VALUE OF SPEED IN SOCIETY. (German)

Nadine Schöneck, Social Scientist, FernUniversität in Hagen

HIDDEN REGIONAL DEVELOPMENT – METROPOLITAN REGIONS, TRANSPORT HUBS AND CONNECTIVITY (German)

Alain Thierstein, Professor of Urban Planning, TU München

IN WHAT CIRCUMSTANCES IS THERE AN ECONOMIC CASE FOR INVESTING IN HIGH SPEED RAIL?

Chris Nash, Professor of Transport Economics, University of Leeds

Moderator: Paul Schneeberger, Neue Zürcher Zeitung

BREAK

### *HIGH SPEED RAIL HISTORY*

11.15 – 12.30 EUROPEAN HIGH SPEED RAIL HISTORY AND BAHN 2000

DEVELOPMENT OF HIGH SPEED RAIL IN FRANCE AND GERMANY: SAME IDEA, DIFFERENT IMPLEMENTATION. (German)

Babette Nieder, Historian/General Secretary «Génération Europe 21» Paris

FROM HIGH SPEED RAIL TO «RAIL 2000» – A TALE FROM SWISS TRANSPORT HISTORY IN THE EUROPEAN CONTEXT (German)

Gisela Hürliemann, Historian, University of Zürich

Moderator: Paul Schneeberger, Neue Zürcher Zeitung

LUNCH

### *PANEL: MAGLEV, CONVENTIONAL HIGH SPEED RAIL, OR AIRLINES?*

13.30 – 15.15 WHAT CONCEPTS MAKE SENSE FOR HIGH SPEED TRAVEL TODAY AND IN THE FUTURE?

MAGLEV TRAINS: VISION OR FICTION? – SWISSMETRO CASE STUDY (German)

Ulrich Weidmann, Professor for Transport Systems, ETH Zürich

25 YEARS OF HIGH SPEED RAIL EXPERIENCE

Roberto Rinaldi, Director, High Speed Train Technology, Alstom

HIGH SPEED RAIL – MOBILITY FOR A GLOBALIZED FUTURE (German)

Stefan Hofsäss, Head, Turnkey Transportation Systems, Siemens

AIR TRANSPORT – HIGH SPEED AND LOW PRICES CREATE NEW TRAVEL BEHAVIOUR (German)

Lars Ottmer, Leader Market and Fleet Planning, Lufthansa (formerly of Swiss)

Moderator: David Gugerli, Professor History of Technology, ETH Zürich

BREAK

## *FROM DREAMS TO REALITY: WHICH TECHNOLOGIES WILL CARRY US INTO FUTURE?*

15.30 – LEADERS FROM POLITICS, BUSINESS AND SCIENCE WILL DISCUSS THE CHANCES AND  
17.00 QUESTIONS FACING RAILROADS IN EUROPE AND SWITZERLAND. (German)

ROUNDTABLE WITH Martin Bäumlé, National Counciller and Verkehrsclub der Schweiz  
Paul Blumenthal, Division Leader, SBB Passenger Transport  
Toni Eder, Federal Department for Transportation  
Gi s e l a Hü r l i m a n n, University of Zürich  
Al a i n Thi e r s t e i n, Professor of Urban Planni ng, TU München

Moderator: David Gugerli, Professor History of Technology, ETH Zürich

17.00 CLOSING REMARKS: JAKOB TANNER, PROFESSOR FOR SOCIAL AND ECONOMIC HISTORY,  
UNIVERSITY OF ZÜRICH

CLOSING RECEPTION

### CONFERENCE SPONSORS

THE CONFERENCE IS SPONSORED BY THE UNIVERSITY OF ZÜRICH DEPARTMENT OF SOCIAL AND ECONOMIC HISTORY (FSW), THE ETH ZÜRICH INSTITUTE FOR TRANSPORTATION PLANNING AND SYSTEMS (IVT) AND THE ETH ZÜRICH PROFESSOR FOR HISTORY OF TECHNOLOGY.

**ETH** *technikgeschichte*  
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Universität Zürich

**IVT** *Institut für Verkehrsplanung und Transportsysteme*  
*Institute for Transport Planning and Systems*

### FURTHER INFORMATION AND REGISTRATION

Further information and a conference registration form is available at:  
[http://www.ivt.ethz.ch/news/20070628\\_seminar/index](http://www.ivt.ethz.ch/news/20070628_seminar/index)

Please register by May 31, 2007.

Conference Costs (Before May 31, 2007):

Normal Price CHF 150.–  
Students CHF 30.–

### LOCATION

ETH-Zentrum, Old Chemistry Building (CAB), Room G 61, Universitätsstrasse 6  
Easily accessible via Trams 6, 9, and 10. Exit at ETH/Universitätsspital.