Welcome from the Swiss Tropical and Public Health Institute

Prof. Nino Künzli, MD PhD,
Deputy Director of Swiss TPH
Head of Department of Epidemiology and Public Health
Chair for Social and Preventive Medicine, University Basel
Chair of the Conference

Followed by
Martina Ragettli and Prof. Martin Röösli

Swiss TPH is an independent institution associate with University Basel
staff members
714 from 62 nations
124 working in 20 nations 590 in Basel
International Organizing Committee (IOC)
of your conference
Food & meeting space also in the Poster Hall 4.1.
Welcome Address
Dr. Carlo Conti
Vice-President of the Government of the Canton of Basel City
Department of Health
Paracelsus (1493-1541)  
... his travels compiled by Bert Brunekreef
Residence of local Swiss TPH staff

FRANCE

GERMANY

SWITZERLAND
Fractionated Switzerland

... 4 languages, 26 Counties...
ERC-Grants at Swiss TPH

Penelope Vounatsou, PhD
Head Biostatistics, Bayesian Modeling and Analysis
Department of Epidemiology and Public Health (EPH)

Sebastien Gagneux, PhD
Head Tuberculosis Research
Department of Medical Parasitology and Infection Biology (MPI)

Social Event – Theater Basel
Wed 19h
Tickets at Registration Desk only
Nobel Laureates per 10 million population

Chocolate consumption (kg per year & capita)

«Swiss» Nobel Prize Laureates born abroad

Vladimir Prelog
Leopold Ruzicka
Hermann Hesse
Albert Einstein
Edmond H. Fischer
Please keep all parallel sessions running with the same synchronized schedules:

15 min. per talk (incl. discussion)
Countries with Swiss TPH collaborations, projects or networks
The 8 Unit Heads of the Department of Epidemiology and Public Health

Nicole Probst-Hensch
Jakob Zinsstag
Deputy Heads of Department

Christian Schindler
Jürg Utzinger
Tom Smith
Christian Lengeler
Martin Röösli
Elisabeth Zemp Stut

Marcel Tanner, Director Swiss TPH
Cumulated length of tunnels/galeries Switzerland (1850-2010)
Electricity in Basel County
100% renewable (since 2011)
The roots of this conference

Ursula Ackermann-Liebrich, Prof. em, MD
Initiator and Director of former Institute of Social and Preventive Medicine (ISPM), until 2005

Charlotte Braun-Fahrländer, Prof., MD
Director ISPM, 2005 to 2009
Member of Directory Board Swiss TPH
Get your swim bag at the TAGESWOCHE booth
Members of
Student & New Researchers Network (SNRN)
get it for free
Environment and Health – Bridging South, North, East and West.
Conference of ISEE, ISES and ISIAQ in Basel, Switzerland 19–23 August 2013

A Green Conference
Our way to a CO₂ neutral conference

Martina Ragettli, MSc
PhD Student, Chair Green Club
Efforts for a sustainable conference

✓ Seasonal, regional, organic and vegetarian food
✓ Tap drinking water
✓ Fair trade organic cotton T-shirts and conference bags
✓ 64% of participants accept e-only conference program = saved 120’000 A4 pages
Travel is the biggest contributor

- Air travel from non-European Countries: 88%
- Air travel within Europe: 8%
- Venue Catering Paper: 2%
- Other types of travel: 2%

2200 tons CO$_2$ = 1.4 million train rides Basel ↔ Zürich

Based on 1400 early-bird registrations
This is a CO₂ neutral conference

✓ We support two projects with positive impact on the environment and on people’s health

• Efficient cooking stoves in Uganda
• Energy from waste gas in China, Shanxi province
for your contributions!

Enjoy the green conference

The Vision of a Green(er) Scientific Conference
Nino Künzli, Martina S. Ragettli, and Martin Röösli
The Scientific Program

or

the epidemiology of epidemiology

Martin Röösli
Assistant Professor, PhD

Chair SPC

Head of the Environmental Exposures and Health Unit at Swiss TPH
 Calls & Selection

- **Calls:**
  1. Call for symposia (15 December)
  2. Call for abstract (15 February)

- Both calls with huge response rate: 130 symposium proposals!

- Rating and selection by IOC (symposia) und SPC (abstracts).
  Many thanks to >200 scientists!!

Cumulative number of submitted abstracts by date

15.12.: abstract submissions opened

Announced deadline (15.2.) prolonged until 20.2.
Number of abstracts submissions by date

Announced deadline (15.2.) prolonged until 20.2.
What will be presented?

- Number of submitted abstracts (incl. symposia): 2095
- Lost to follow-up: 114 (until 14.08.)
- Number of presenting authors: 1578 authors (up to 7 abstracts per author)
- Sessions:
  1. 96 oral sessions with 549 presentations
  2. 41 symposia with 189 presentations
  3. 3 poster sessions with 1243 posters
  4. 4 Plenary sessions in the morning
  5. 15 Early morning tutorial sessions
Who are the authors of the 2014 abstracts?

- Degree of presenting authors:
  1. Bachelor/Master student: 142
  2. PhD students: 469
  3. PhD degree: 1,077
  4. Other: 293

- Membership of presenting authors (multiple membership possible):
  1. ISEE: 655
  2. ISES: 241
  3. ISIAQ: 110
# Abstract Topics: Exposure

<table>
<thead>
<tr>
<th>Exposure</th>
<th>Number of abstracts</th>
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<tbody>
<tr>
<td>1. Ambient air pollution</td>
<td>607</td>
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<tr>
<td>2. Pesticides, persist. organic p.</td>
<td>179</td>
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<tr>
<td>3. Household air pollution</td>
<td>152</td>
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<tr>
<td>4. Climate / temperature</td>
<td>151</td>
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<tr>
<td>5. Metals</td>
<td>98</td>
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<tr>
<td>6. Biomarker</td>
<td>79</td>
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<td>7. Microbial exposure</td>
<td>46</td>
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<tr>
<td>8. Food</td>
<td>38</td>
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<tr>
<td>9. Arsenic</td>
<td>36</td>
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<tr>
<td>10. Noise</td>
<td>32</td>
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<tr>
<td>Exposure</td>
<td>Asia [%]</td>
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<td>-----------------------</td>
<td>----------</td>
</tr>
<tr>
<td>All</td>
<td>23</td>
</tr>
<tr>
<td>Ambient air</td>
<td>16</td>
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<tr>
<td>POP, Pesticides</td>
<td>16</td>
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<tr>
<td>Househ.air poll.</td>
<td>28</td>
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<tr>
<td>Climate</td>
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<td>Microbia</td>
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<tr>
<td>Noise</td>
<td>13</td>
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<tr>
<td>EMF</td>
<td>8</td>
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<tr>
<td>Genetics</td>
<td>17</td>
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<tr>
<td>Green spaces</td>
<td>25</td>
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### «Risk factors» to be an air pollution researcher

<table>
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<tr>
<th>Predictors</th>
<th>OR</th>
<th>95 % CI</th>
<th>P-value</th>
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<tbody>
<tr>
<td>Asia (Ref)</td>
<td>1</td>
<td>Ref</td>
<td>-</td>
</tr>
<tr>
<td>Europe</td>
<td>1.67</td>
<td>(1.30 - 2.15)</td>
<td>&lt;0.01</td>
</tr>
<tr>
<td>North America</td>
<td>1.61</td>
<td>(1.23 - 2.09)</td>
<td>&lt;0.01</td>
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<tr>
<td>South &amp; East</td>
<td>1.09</td>
<td>(0.73 - 1.61)</td>
<td>0.67</td>
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<tr>
<td>No membership</td>
<td>1</td>
<td>Ref</td>
<td>-</td>
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<tr>
<td>ISEE</td>
<td>0.91</td>
<td>(0.75 - 1.12)</td>
<td>0.39</td>
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<tr>
<td>ISES</td>
<td>1.32</td>
<td>(0.99 - 1.76)</td>
<td>0.06</td>
</tr>
<tr>
<td>ISIAQ</td>
<td>2.18</td>
<td>(1.45 - 3.25)</td>
<td>&lt;0.01</td>
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<tr>
<td>Unspec. Degree</td>
<td>1</td>
<td>Ref</td>
<td>-</td>
</tr>
<tr>
<td>MSc student</td>
<td>1.36</td>
<td>(0.89 – 2.08)</td>
<td>0.15</td>
</tr>
<tr>
<td>PhD student</td>
<td>1.28</td>
<td>(0.94 - 1.74)</td>
<td>0.11</td>
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<tr>
<td>PhD degreee</td>
<td>1.24</td>
<td>(0.94 - 1.63)</td>
<td>0.13</td>
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</table>
The paradox of choice: too many good options?
Numbers have meanings!

T-1-01: Tutorial CV/Career planning

General format:
[Session Type]-[Day]-[Session-Number]-[Presentation-Number]

Session type: WS=Workshops, T=Tutorial, F=Full Plenary S=Symposia, O=Oral, P=Poster, ME=Meeting, SE=Social event

Day: 1=Tue 2=Wed 3=Thu 4=Fri

Example: O-1-26-06
Features of the online program

- Overview by date
- Search functions
- Save the own schedule
- Access to abstracts

http://www.ehbasel13.org/english/program.php

The online program is continuously updated
# Personal Profile

## Your Online-Profile Data

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<td><a href="mailto:martin.roosli@unibas.ch">martin.roosli@unibas.ch</a></td>
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<tr>
<td>Name</td>
<td>Roosli</td>
</tr>
<tr>
<td>First name</td>
<td>Martin</td>
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<tr>
<td>City</td>
<td>Swiss TPH</td>
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[Speichern]
OCP

O-1-22 Air pollution and respiratory health

(previously O-69)

Data

Room: Osaka / Samarkand
Time: 20.08.2013, 14:00 - 15:30
Category: Oral Session
Here you can view your favorites. Add more sessions by marking on the other pages your desired sessions.

<table>
<thead>
<tr>
<th>Session</th>
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<th>Status</th>
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<tbody>
<tr>
<td>F-1-05</td>
<td>Opening Plenary Session hosted by Swiss Tropi...</td>
<td>San Francisco</td>
<td>Tue. 20/08/13, 08:45 - 10:00</td>
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<td>Plenary Session</td>
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<tr>
<td>S-1-06</td>
<td>Debate: DDT - poison or life saver?</td>
<td>San Francisco</td>
<td>Tue. 20/08/13, 10:30 - 12:00</td>
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<td>Symposium</td>
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<tr>
<td>O-1-20</td>
<td>Personal exposure assessment methods</td>
<td>Sydney</td>
<td>Tue. 20/08/13, 14:00 - 15:30</td>
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<td>Oral Session</td>
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<td>S-2-12</td>
<td>Environmental Noise in a Public Health framew...</td>
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<td>Wed. 21/08/13, 10:30 - 12:00</td>
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<td>Natural radiation exposure and associated chi...</td>
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<td>Helvetia 3-5</td>
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<tr>
<td>O-3-14</td>
<td>Electromagnetic fields</td>
<td>Kairo</td>
<td>Thu. 22/08/13, 10:30 - 12:00</td>
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Key Note Presentations - The Global Burden of Diseases: A Critical Environmental Perspective

1. Majid Ezzati, Imperial College - The global risk factor transition: GBD successes and challenges
2. Nicole Probst-Hensch, Swiss TPH - A critical view of GBD 2010: What is missing and what next?

Alan D. Lopez: The worldwide epidemiological transition see recent Editorial

see: online-first Int Journal of Public Health