



# AGENDA

## Course Week Clinical Biostatistics III 2014

Marie Curie Initial Training Network **MEDIASRES**: Novel Statistical **ME**thodology for **DI**agnostic/Prognostic and Therapeutic **St**udies and Systematic **RE**view**S**

**November 3-7, 2014 in Bern at University of Bern; Switzerland**

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### Venue:

**Monday/Tuesday/ Friday      Room: A -124, UniS, Schanzeneckstrasse 1, 3012 Bern**

**Wednesday/Thursday      Meeting Room "N2", Paul Klee Zentrum, Bern**

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**Monday, November 3<sup>rd</sup>      Room: A -124, UniS, Schanzeneckstrasse 1, 3012 Bern**

**Topic: Bayesian approaches to clinical trials**

**Presenters: Heinz Schmidli, Simon Wandel (Novartis AG), Sandro Gsteiger (ISPM Bern)**

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09:15 – 09:30      **Meet & greet, Opening of the meeting (Peter Jüni / Marcel Zwahlen)**

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9:30 – 10:45      **Part 1**

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10:45 – 11:15      **Coffee**

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11:15 – 12:30      **Part 2**

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12:30 – 14:00      **Lunch**

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14:00 – 15:30      **Part 3**

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15:30 – 16:00      **Coffee**

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16:00 – 17:00      **Part 4**

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19:00      **Self paid Dinner together – for those who want to join  
at Italian Restaurant Cavallo, Bubenbergplatz 8, 3011 Bern  
<http://www.cavallostar.ch>**

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**Tuesday, November 4<sup>th</sup>**      **Room: A -124, UniS, Schanzeneckstrasse 1, 3012 Bern**  
**Presenters: Jason Fine (University of North Carolina, Chapel Hill), Peter Jüni & Marcel Zwahlen (University of Bern)**

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9:00 – 10:30	Jüni & Zwahlen: How to critically read a medical paper – Part I
10:30 – 11:00	Coffee
11:00 – 12:30	Peter Jüni: From randomized trials to treatment guidelines
12:30 – 13:30	Lunch
13:30 – 15:00	Jason Fine: Screening for Osteoporosis in Postmenopausal Women: A Case Study in Interval Censored Competing Risks Data
15:00 – 15:30	Coffee
15:30 – 17:00	Jüni & Zwahlen: How to critically read a medical paper – Part II

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**Wednesday, November 5<sup>th</sup>**      **Room: Paul Klee Museum, Meeting Room “N2”**  
**(Bus Nr 12 direction “Paul Klee Zentrum” connects main train station and Paul Klee Museum in about 13 Minutes)**

**Topic: MEDIASRES Workshop on Project Progress & Student Presentations (day 1)**

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09:00	Meeting point at the end of Bärenplatz close to Bundesplatz (parliament building place) where Bern City Walk starts
9:00 – 10:00	<b>Optional: City Walk and transfer to Paul Klee Museum</b> You will Explore the UNESCO World Heritage Site on foot: towers, fountains , arcades. Mr. Hannes Dubach (architect and art mediator of the Zentrum Paul Klee ) will walk you through the old town of Bern to let you discover the story of one of his most important citizen: Paul Klee ( <a href="http://en.wikipedia.org/wiki/Paul_Klee">http://en.wikipedia.org/wiki/Paul_Klee</a> ). At the end of the walk Mr. Dubach will bring the group to the Paul Klee taking the Bus Nr 12 at Bärengraben.
10:00 – 10:30	Coffee
10:30 - 11:00	<b>Optional: The works of Paul Klee at the Zentrum Paul Klee</b> With a guided tour you will discover the Zentrum Paul Klee and the exhibition “Paul Klee. Special class – not for sale” 'Special class – not for sale' was a particular category that Klee used within his own system of classification for his works, to which he actually assigned various price ranges. Paul Klee's own and personal retrospective.
12:00 - 13:00	Lunch Buffet at Paul Klee Musuem

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13:00 – 14:55	<b>Fellow's individual reports (20 min talk plus ~20 min discussion per fellow)</b> Anna Wiksten: Meta-analysis of controlled clinical trials: Models and assumptions, inferential principles, and computational algorithms Soheila Aghlmandi: Bayesian approaches to analyzing adverse events in randomized trials with a high proportion of trial arms observing no event Matteo Quartagno: Missing data and measurement in individual patient data meta-analysis
14:55 - 15:20	<b>Coffee</b>
15:20 - 18:00	<b>Fellow's individual reports (20 min talk plus ~20 min discussion per fellow)</b> <b>10 min short break after 2 talks</b> Hong Sun: Clinical trials for personalized, marker based treatment strategies Corine Baayen: State of the art adaptive dose finding designs Markus Lange: Design of clinical trials with biologics Ketil Biering Tvermosegaard: Clinical trials with a pharmacodynamics endpoint
19:00 - ....	<b>19:00 Drinks and 19:30 Official Course Week Dinner at Kornhauskeller</b> <a href="http://www.bindella.ch/de/kornhauskeller.html">www.bindella.ch/de/kornhauskeller.html</a> (see map)

**Thursday, November 6<sup>th</sup> Room: Paul Klee Museum, Meeting Room "N2"**  
**Topic: MEDIASRES Workshop on Project Progress & Student Presentations (day 2)**

9:00 - 10:30	<b>Supervisory Board Meeting</b>
10:30 – 11:00	<b>Coffee</b>
11:00 – 12:55	<b>Fellow's individual reports (20 min talk plus ~20 min discussion per fellow)</b> Federico Bonofiglio: Meta-analysis of studies with competing risks outcomes Leyla Azarang: Nonparametric estimation of transition probabilities in non-Markov multi-state models Susanne Strohmaier: Understanding treatment mechanisms in clinical survival trials – a causal approach
12:55 - 14:00	<b>Lunch</b>
14:00 – 15:55	<b>Fellow's individual reports (20 min talk plus ~20 min discussion per fellow)</b> Mia Klinton Grand: Dynamic prediction in event-history analysis Sung Won Kim: Prediction from longitudinal high dimensional molecular data Alexia Kakourou: Methods for proteomic diagnosis and prognosis in inflammatory diseases
15:55 - 16:20	<b>Coffee</b>
16:20 - 17:00	<b>Fellow's individual reports (20 min talk plus ~20 min discussion per fellow)</b> Anna Bellach: Model selection and validation
17:00 – 17:10	<b>Summary overall achievements</b>

**Friday, November 7<sup>th</sup>**

**Room: A -124, UniS, Schanzeneckstrasse 1, 3012 Bern**

**Topic: Statistical issues in drug development**

**Presenters: Stephen Senn, CRP Santé, Luxemburg**

(<http://www.crp-sante.lu/Competence-centers/Methodology-and-Statistics/Activities/Prof.-Stephen-Senn>)

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9:15 – 10:30	<b>Lecture I</b>
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10:30 – 11:00	<b>Coffee</b>
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11:00 – 12:15	<b>Lecture II</b>
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12:15 – 13:45	<b>Lunch</b>
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13:45 – 15:00	<b>Lecture III</b>
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15:30 – 15:30	<b>Coffee</b>
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15:30 – 16:45	<b>Lecture IV</b>
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16:45	<b>Departure</b>
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