

**BAYSM 2013**



**BAYESIAN YOUNG STATISTICIANS MEETING 2013**

**CNR-IMATI, Milan (MI), Italy**

**June, 5-6, 2013**



**ISTITUTO DI MATEMATICA APPLICATA  
E TECNOLOGIE INFORMATICHE  
(Milan department)**

**CONSIGLIO NAZIONALE DELLE RICERCHE**



**BAYESIAN YOUNG STATISTICIANS MEETING 2013**  
CNR-IMATI, Milan (MI), Italy  
June, 5-6, 2013



**Welcome to Milan  
for the first  
Bayesian Young  
Statistician Meeting**

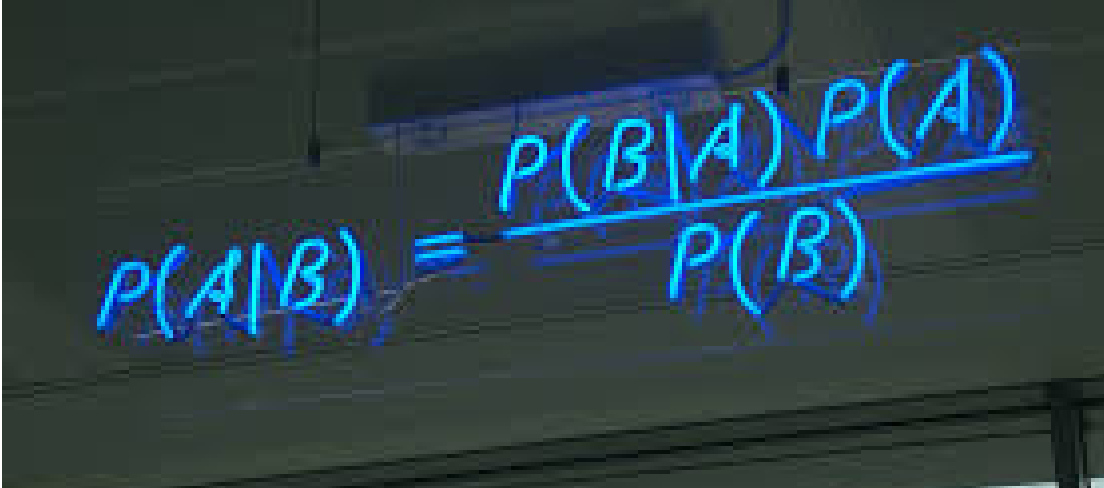


BAYESIAN YOUNG STATISTICIANS MEETING 2013  
CNR-IMATI, Milan (MI), Italy  
June, 5-6, 2013



A photograph of a chalkboard with the formula for Bayes' theorem written in blue chalk. The formula is 
$$P(A|B) = \frac{P(B|A)P(A)}{P(B)}$$

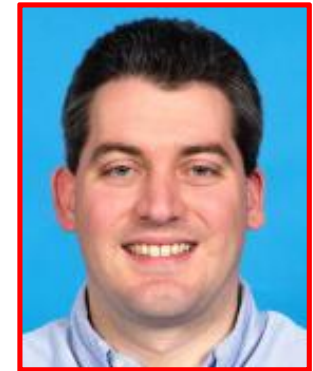
*We hope this meeting will be an interesting opportunity for M.S. students, Ph.D. students, post-docs and young researchers to connect with the Bayesian community at large, to exchange ideas, and to know people working in the same field for creating future networks*


$$P(A|B) = \frac{P(B|A)P(A)}{P(B)}$$

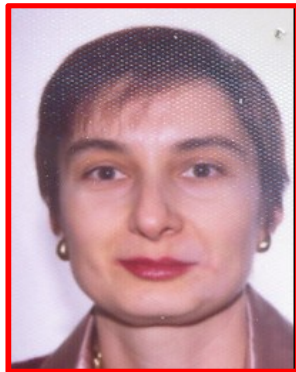
*The presence of a Senior Discussant in each session will allow us to get useful comments and remarks to our current research*



BAYESIAN YOUNG STATISTICIANS MEETING 2013  
CNR-IMATI, Milan (MI), Italy  
June, 5-6, 2013



*Thanks  
to our Invited  
Senior Discussants!*



BAYESIAN YOUNG STATISTICIANS MEETING 2013  
CNR-IMATI, Milan (MI), Italy  
June, 5-6, 2013



## Thank to the Keynote Speakers



[Sonia Petrone](#) (Full Professor and Director of the PhD in Statistics, Department of Decision Sciences, Università Bocconi, Milan, Italy)

Technical lecture "*The point is... to publish?*"



[Fulvia Mecatti](#) (Full Professor of Statistics and Director of the Ph.D. Program in Statistics, University of Milan-Bicocca, Milan, Italy)

BAYESIAN YOUNG STATISTICIANS MEETING 2013  
CNR-IMATI, Milan (MI), Italy  
June, 5-6, 2013



Welcome greetings from

**BRUNO BETRO'**

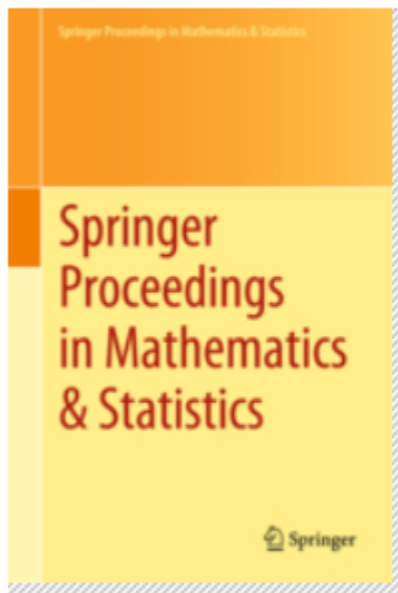


director of the  
Milan Department  
of CNR-IMATI

BAYESIAN YOUNG STATISTICIANS MEETING 2013  
CNR-IMATI, Milan (MI), Italy  
June, 5-6, 2013



*Publication of the Proceedings in the  
“Springer Proceedings in Mathematics & Statistics”*



## Springer Proceedings in Mathematics & Statistics

Previous series titles up to vol. 18: Springer Proceedings in Mathematics :  
<http://www.springer.com/series/8806>

ISSN: 2194-1009



BAYESIAN YOUNG STATISTICIANS MEETING 2013  
CNR-IMATI, Milan (MI), Italy  
June, 5-6, 2013



## BEST TALK AWARD

Sponsored by the Politecnico di Milano  
within the program *Innovative Didactics*



- Each discussant chooses one candidate from his/her session
- Conference Chairs and Discussants chose the winner among these candidates

BAYESIAN YOUNG STATISTICIANS MEETING 2013  
CNR-IMATI, Milan (MI), Italy  
June, 5-6, 2013



## BEST POSTER AWARD

Sponsored by j-ISBA  
(junior section of ISBA)



- Conference Chairs and the Discussant of the poster session choice the winner among the presented posters

---

## *Scientific program - today*

**10:00-11:00** main conference room

Plenary lecture "*Some subjective thoughts about Bayesian statistics*"

**11:30-13:00** main conference room

Technical lecture "*The point is... to publish?*"

**14:00-15:40** main conference room

*TALK SESSION A - Bayes @ work: appraisal of applications to the real world*

**15:45-17:00**

*POSTER SESSION*

**17:00-18:40** main conference room

*TALK SESSION B - Bayesian models for stochastic and economic processes*

BAYESIAN YOUNG STATISTICIANS MEETING 2013  
CNR-IMATI, Milan (MI), Italy  
June, 5-6, 2013



---

## *Scientific program - tomorrow*

**9:00-10:40** main conference room

*PARALLEL TALK SESSION C - Theoretical Bayes*

**9:00-10:40** small conference room

*PARALLEL TALK SESSION D - Computational Bayes*

**11:00-12:30** main conference room

*PARALLEL TALK SESSION E - A Bayesian approach to bio-statistics and health sciences*

**11:00-12:30** small conference room

*PARALLEL TALK SESSION F - Insights of Bayesian methods for estimation and inference*



BAYESIAN YOUNG STATISTICIANS MEETING 2013  
CNR-IMATI, Milan (MI), Italy  
June, 5-6, 2013



## *Social dinner*

**Trattoria del Sole**  
*Via Valvassori Peroni 41*  
*Milan*

Two alternatives:

- *Meet at the Restaurant  
at 19:30*
- *Meet here at CNR  
at 19:15*

**REGISTERED PARTICIPANTS HAVE TO TAKE  
THEIR COUPON AT THE CONFERENCE DESK**



## *Other information*

Mini-break

- *June 5th morning*

Two coffee breaks

- *June 5th afternoon*
- *June 6th morning*

*offered by the CNR-IMATI  
and the BISP committee*



**Free time for lunch:**  
we can suggest many restaurants and bars close to the CNR building  
(*please, consider that internal CNR restaurant cannot be used*)



BAYESIAN YOUNG STATISTICIANS MEETING 2013  
CNR-IMATI, Milan (MI), Italy  
June, 5-6, 2013



*Enjoy the conference !*

*Ettore Lanzarone*  
*CNR-IMATI*



*Francesca Ieva*  
*MOX - Politecnico di Milano*



**BAYSM 2013**



**BAYESIAN YOUNG STATISTICIANS MEETING 2013**

**CNR-IMATI, Milan (MI), Italy**

**June, 5-6, 2013**



**ISTITUTO DI MATEMATICA APPLICATA  
E TECNOLOGIE INFORMATICHE  
(Milan department)**

**CONSIGLIO NAZIONALE DELLE RICERCHE**





BAYESIAN YOUNG STATISTICIANS MEETING 2013  
CNR-IMATI, Milan (MI), Italy  
June, 5-6, 2013



## BEST TALK AWARD



Plankensteiner K., Bluder O., Pilz J.

**Bayesian prediction of SMART power  
semiconductor lifetime with Bayesian networks**

BAYESIAN YOUNG STATISTICIANS MEETING 2013  
CNR-IMATI, Milan (MI), Italy  
June, 5-6, 2013



**BEST POSTER AWARD**



*Taylor S., Ridall G., Sherlock C., Fearnhead P.*

**Particle learning approach to Bayesian model selection: an application from neurology**

BAYESIAN YOUNG STATISTICIANS MEETING 2013  
CNR-IMATI, Milan (MI), Italy  
June, 5-6, 2013



A photograph of a chalkboard with the formula for Bayes' theorem written in blue chalk. The formula is 
$$P(A|B) = \frac{P(B|A)P(A)}{P(B)}$$

Thanks to

*Senior Discussants*  
*Keynote Speakers*

BAYESIAN YOUNG STATISTICIANS MEETING 2013  
CNR-IMATI, Milan (MI), Italy  
June, 5-6, 2013



A photograph of a whiteboard with the formula for Bayes' theorem written in blue marker. The formula is 
$$P(A|B) = \frac{P(B|A)P(A)}{P(B)}$$

The whiteboard is dark, and the blue marker is clearly visible. The formula is written in a slightly slanted, handwritten style.

**Thanks to**

*our colleagues of CNR-IMATI and  
Politecnico di Milano  
who helped us with the organization*



BAYESIAN YOUNG STATISTICIANS MEETING 2013  
CNR-IMATI, Milan (MI), Italy  
June, 5-6, 2013



A photograph of a chalkboard with the equation for Bayes' theorem written in blue chalk. The equation is 
$$P(A|B) = \frac{P(B|A)P(A)}{P(B)}$$

The chalkboard is dark, and the blue chalk is clearly visible. The equation is written in a slightly slanted, handwritten style.

Thanks to

*Gabriella Bonfanti*  
*secretary of CNR-IMATI*

BAYESIAN YOUNG STATISTICIANS MEETING 2013  
CNR-IMATI, Milan (MI), Italy  
June, 5-6, 2013



**ANNOUNCEMENT OF  
SECOND EDITION**

**BAYSM 2014**  
**September 2014**  
**Vienna, Austria**



**Conference chair**

*Sylvia Fruehwirth-Schnatter*

**Scientific committee**

*Angela Bitto*

*Francesca Ieva*

*Gregor Kastner*

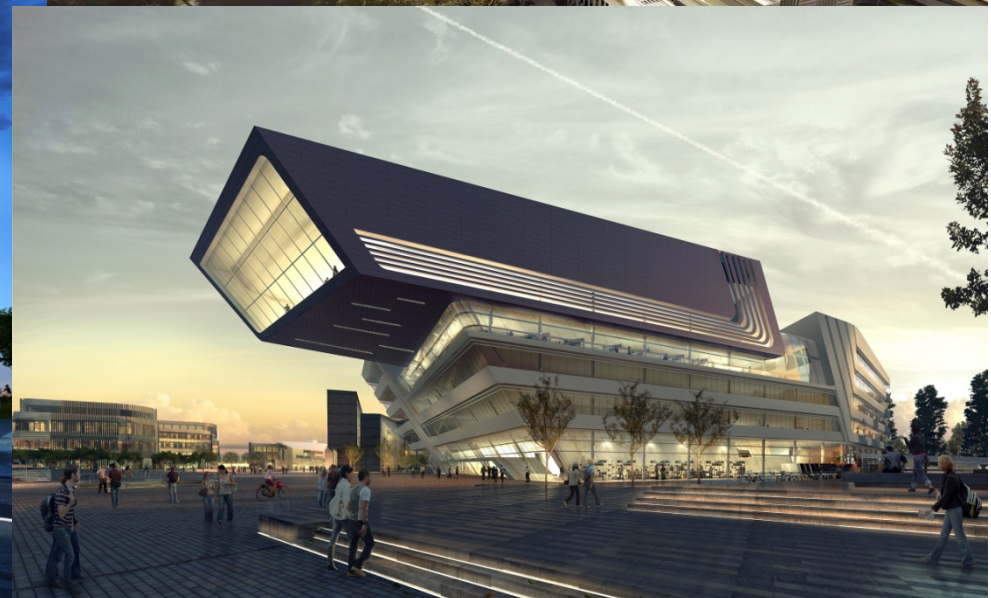
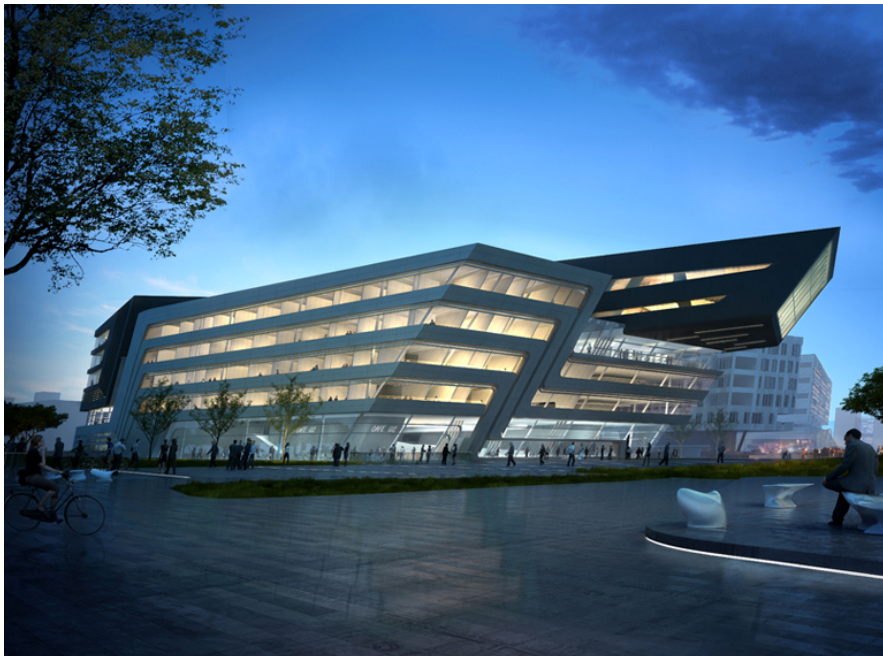
*Ettore Lanzarone*

*Alexandra Posekany*

BAYESIAN YOUNG STATISTICIANS MEETING 2013  
CNR-IMATI, Milan (MI), Italy  
June, 5-6, 2013



**BAYSM 2014**  
**September 2014**  
**Vienna, Austria**



BAYESIAN YOUNG STATISTICIANS MEETING 2013  
CNR-IMATI, Milan (MI), Italy  
June, 5-6, 2013



THIRD EDITION ??

**BAYSM 2015**

or

**BAYSM 2016**

*Applications are welcome*

*contact*

*Ettore Lanzarone & Francesca Ieva*



BAYESIAN YOUNG STATISTICIANS MEETING 2013  
CNR-IMATI, Milan (MI), Italy  
June, 5-6, 2013



*organizes the*

## YEARLY ABS SCHOOL



ABS13 - 2013 Applied Bayesian Statistics School

BAYESIAN METHODS FOR VARIABLE SELECTION WITH  
APPLICATIONS TO HIGH-DIMENSIONAL DATA

Villa del Grumello, Como, Italy

June, 17-21, 2013



<http://www.mi.imati.cnr.it>

2010

2011

2012

**2013**

2014

2015

...



BAYESIAN YOUNG STATISTICIANS MEETING 2013  
CNR-IMATI, Milan (MI), Italy  
June, 5-6, 2013



and now...

Enjoy BISP 8



**BISP8**

**Eighth Workshop on**

**BAYESIAN INFERENCE IN STOCHASTIC PROCESSES**

**CNR-IMATI, Milan (MI), Italy**

**June, 6-8, 2013**