

*Workshop on Survey Statistics
August 24-28, 2012 in Valmiera*



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20 years

***of Baltic-Nordic co-operation
(in survey statistics)***

***– with expansion to Ukraine
and Belarus***

Background – before 1992

Nordic co-operation in (official) statistics

- **18 Nordic Meetings of Statisticians
1927, ..., 1989**

Nordic co-operation in mathematical statistics

- **13 Nordic Conferences on Mathematical
Statistics 1965, ..., 1990**
- **Scandinavian Journal of Statistics since 1974**

Nordic co-operation in survey statistics

- **Not organized**

Background – before 1992

Baltic co-operation in statistics ?

Baltic-Nordic co-operation in statistics

- None
- (Five Vilnius Conferences on Probability Theory and Mathematical Statistics 1973, ..., 1989)

Background – 1990

- **GK (ISI) visited Moscow, Kyiv and Leningrad on April 15-29 but was refused to visit Vilnius**
- **World Congress in Probability and Statistics in Uppsala with participants from Estonia, Lithuania and Ukraine**

Background – 1991

- **Two mathematical statisticians from Ukraine visited the University of Umeå**
- **Estonia, Latvia, Lithuania, Belarus and Ukraine became independent countries and the Soviet Union was dissolved**
- **GK visited Tallinn, Tartu, Riga and Vilnius on October 20-29**

Background – before 1992

Survey statistics in the Soviet Union

- No teaching in the universities
- No research
- No practice ?
- Forbidden ?

1992

- **Statistical agencies in Estonia, Latvia, Lithuania and Ukraine needed survey methodology for official statistics and sought technical assistance from Finland and Sweden**
- **Imbi Traat from the University of Tartu visited the University of Umeå on October 15 – December 19 for studies of survey sampling**

Activities 1992 – 2012

- **Many university teachers, researchers, research students and official statisticians in E, La, Li, U and B have visited Nordic universities for studies and research in survey statistics**
- **A Baltic-Nordic Network on Survey Statistics was founded in 1996 and later extended to Ukraine and Belarus**

Activities 1992 – 2012

- **Summer schools, workshops and conferences on survey statistics have been arranged annually since 1997 by the Network**
- **Individual exchange visits within the Network region for teaching, consulting and other academic tasks**
- **Preparation of theses for academic degrees**

16 network events 1997-2012

2 Summer Schools (97 partic.)

11 Workshops (429 partic.)

3 Conferences (203 partic.)

729 participants

2 Summer Schools

1997 in Tartu (49 partic.)

2009 in Kyiv (48 partic.)

Next? 2013 in Minsk

11 Workshops

1998 in Jūrmala (27 partic.)

2001 in Jūrmala (29 partic.)

2006 in Ventspils (34 partic.)

2012 in Valmiera (63 partic.)

3 Conferences

2002 in Ammarnäs (74 partic.)

2007 in Kuusamo (74 partic.)

2011 in Norrfällsviken (55 partic.)

1997

**Summer School
on Survey Sampling Theory,
Methodology and Practice**

June 26 – July 2, 1997

in Tartu, Estonia

49 participants

18 lectures, 10 exercises and 16 reports

Summer School 1997 in Tartu



1998

**Workshop for the Baltic Countries
on Survey Sampling Theory
and Methodology**

May 24–27, 1998

in Jūrmala, Latvia

27 participants

8 lectures and 13 reports

Workshop 1998 in Jūrmala



1999

**Workshop
on Survey Sampling Theory
and Methodology**

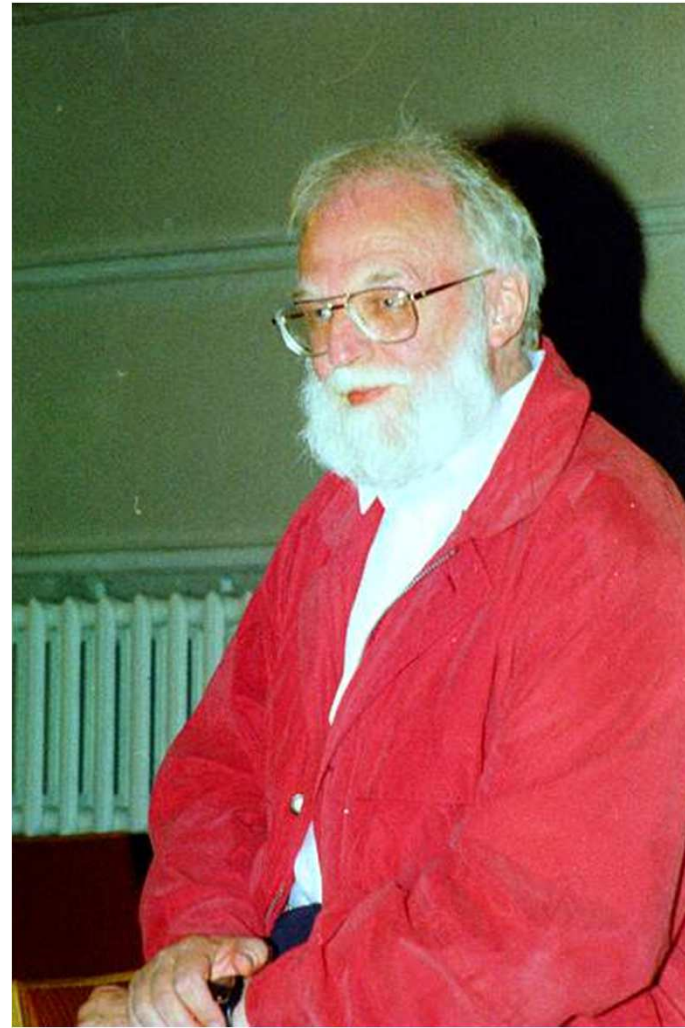
May 27 – June 1, 1999

in Palanga, Lithuania

27 participants

8 lectures and 20 reports

Workshop 1999 in Palanga



2000

**Baltic-Nordic Workshop
on Survey Sampling Theory
and Methodology**

June 18-22, 2000

in Pärnu, Estonia

30 participants

11 lectures and 17 reports

Workshop 2000 in Pärnu



2001

**Baltic-Nordic Workshop
on Survey Sampling Theory
and Methodology**

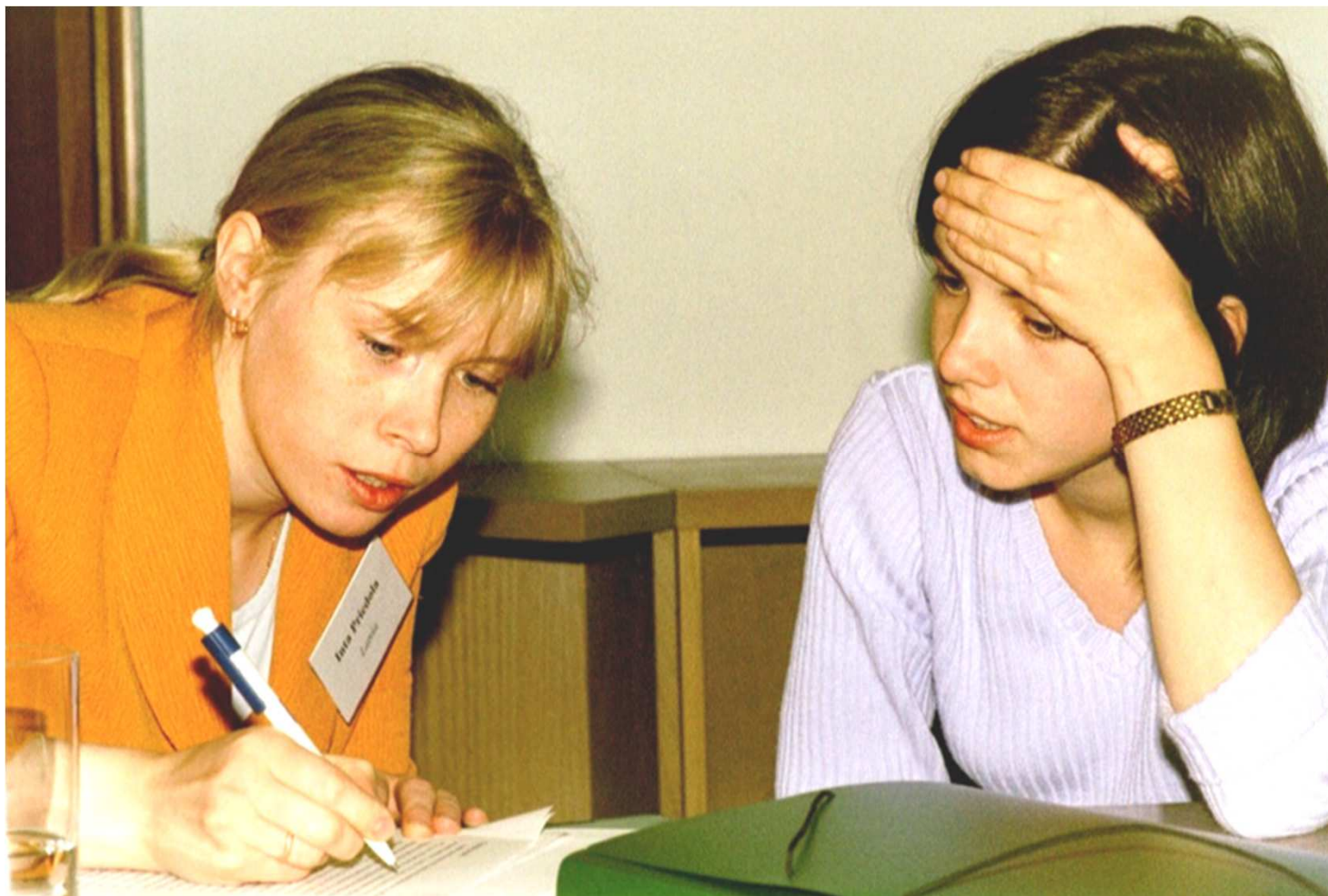
May 25-30, 2001

in Jūrmala, Latvia

29 participants

11 lectures and 16 reports

Workshop 2001 in Jūrmala



2002

**Baltic-Nordic Conference
on Survey Sampling**

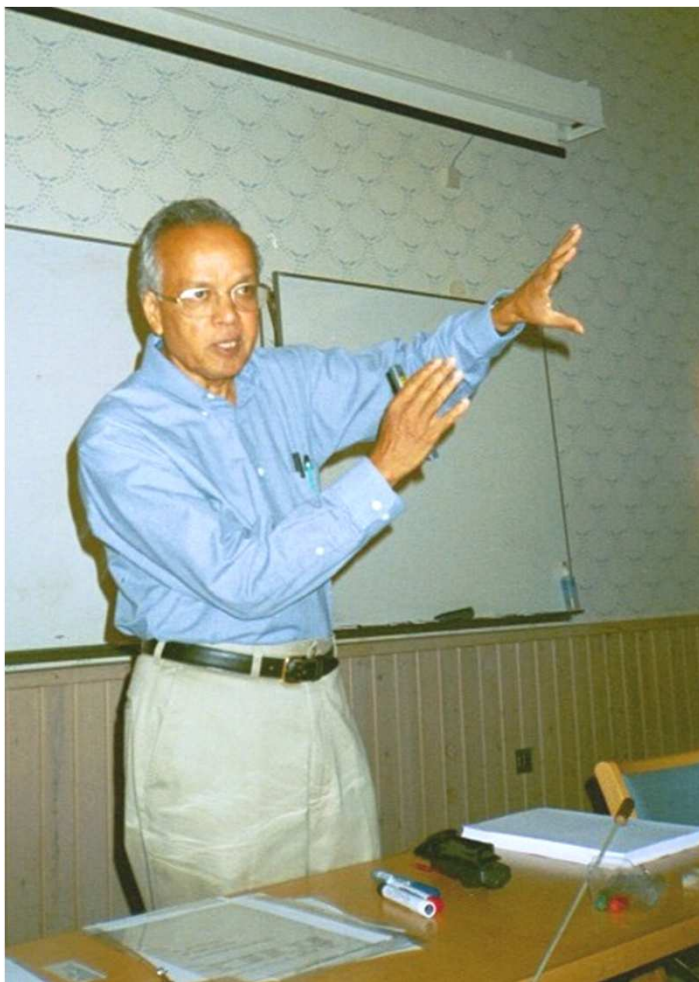
August 17-23, 2002

in Ammarnäs, Sweden

74 participants from 14 countries

21 lectures and 30 reports

Conference 2002 in Ammarnäs



Conference 2002 in Ammarnäs



2003

**Workshop
on Survey Sampling Theory
and Methodology**

May 28 – June 3, 2003

in Palanga, Lithuania

37 participants

10 lectures and 21 reports

Workshop 2003 in Palanga



2004

**Workshop
on Survey Sampling Theory
and Methodology**

June 18-22, 2004

in Tartu, Estonia

40 participants

11 lectures, 2 exercises and 25 reports

Workshop 2004 in Tartu



2005

**Workshop
on Survey Sampling Theory
and Methodology**

June 17-21, 2005

in Vilnius, Lithuania

42 participants

12 lectures and 25 reports

Workshop 2005 in Vilnius



Workshop 2005 in Vilnius



2006

**Workshop
on Survey Sampling Theory
and Methodology**

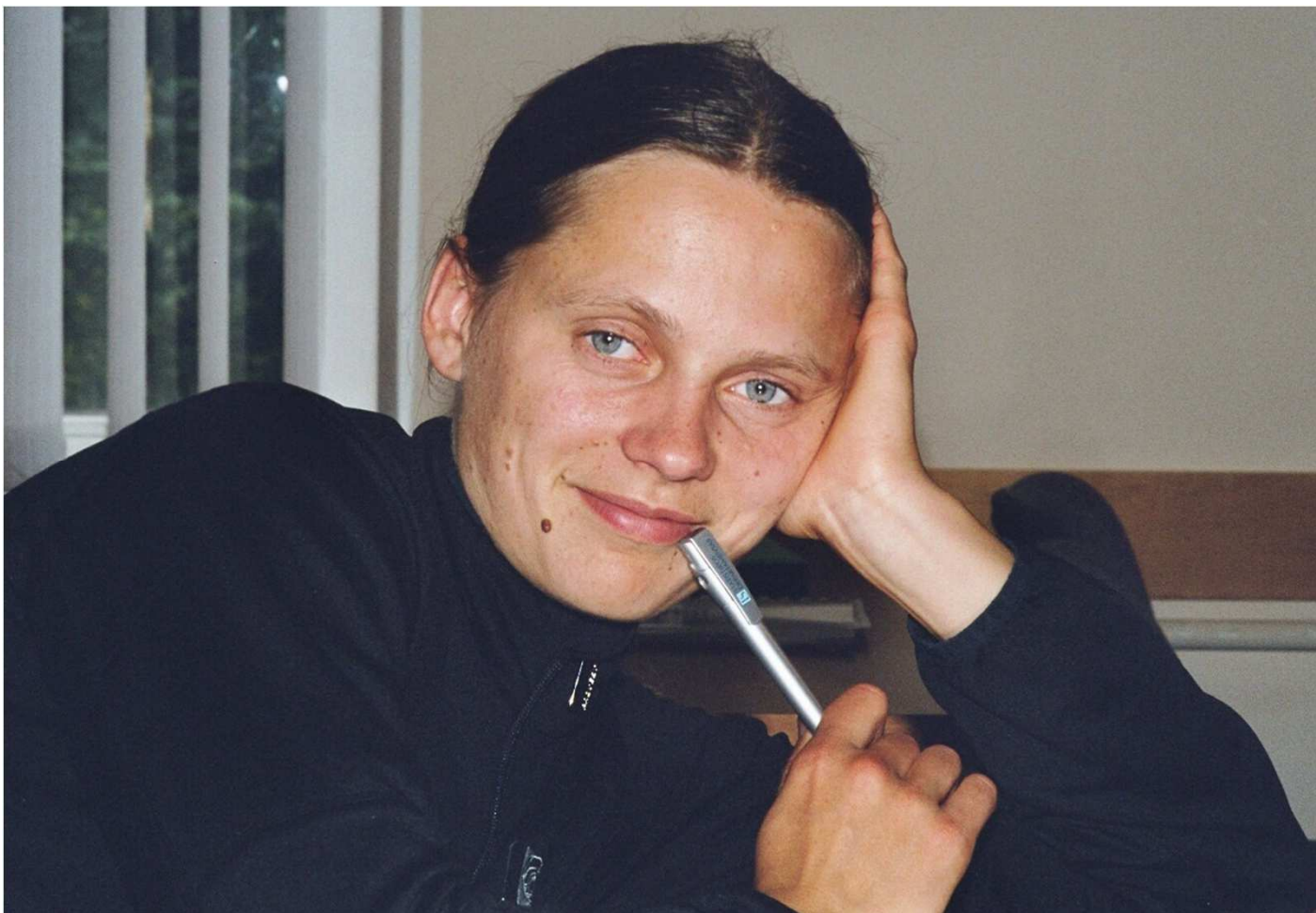
August 24-28, 2006

in Ventspils, Latvia

34 participants

9 lectures and 16 reports

Workshop 2006 in Ventspils



Workshop 2006 in Ventspils



Workshop 2006 in Ventspils



2007

**Second Baltic-Nordic Conference
on Survey Sampling**

June 2-7, 2007

in Kuusamo, Finland

74 participants from 18 countries

20 lectures and 40 reports

Conference 2007 in Kuusamo



Conference 2007 in Kuusamo



2008

**Workshop
on Survey Sampling Theory
and Methodology**

August 25-29, 2008

in Kuressaare, Estonia

49 participants

14 lectures and 31 reports

Workshop 2008 in Kuressaare



Workshop 2008 in Kuressaare



2009

**Summer School
on Survey Statistics**

August 23-27, 2009

in Kyiv, Ukraine

48 participants

20 lectures and 27 reports

Welcome party in Kyiv 2009



Excursion from Kyiv 2009



Farewell party in Kyiv 2009



Farewell party in Kyiv 2009



2010

**Workshop
on Survey Sampling Theory
and Methodology**

August 23-27, 2010

in Vilnius, Lithuania

51 participants

13 lectures and 28 reports

Belarusian participants









2011

**Third Baltic-Nordic Conference
on Survey Statistics**

June 13-17, 2011

in Norrfällsviken, Sweden

55 participants from 17 countries

17 lectures and 37 reports





Visitors

**Baltic, Ukrainian and Belarusian
statisticians
visiting the University of Umeå
1992-2012
for studies and research in
survey statistics**

		<i>Visitors</i>	<i>Visits</i>	<i>Days</i>
<i>Estonia</i>	1992-2010	10	41	1431
<i>Latvia</i>	1994-2011	19	31	838
<i>Lithuania</i>	1998-2011	14	30	847
<i>Ukraine</i>	1994-2012	15	28	883
<i>Belarus</i>	2010-2012	5	6	160
<i>Total</i>	1992-2012	63	136	4159

Visits

	<i>Est</i>	<i>Latv</i>	<i>Lith</i>	<i>Ukr</i>	<i>Bel</i>
<i>1992-1994</i>	5	1		1	
<i>1995-1997</i>	13	3		1	
<i>1998-2000</i>	8	7	5	5	
<i>2001-2003</i>	7	10	10		
<i>2004-2006</i>	5	5	12		
<i>2007-2009</i>	2	4	2	10	
<i>2010-2012</i>	1	1	1	11	6
<i>1992-2012</i>	41	31	30	28	6

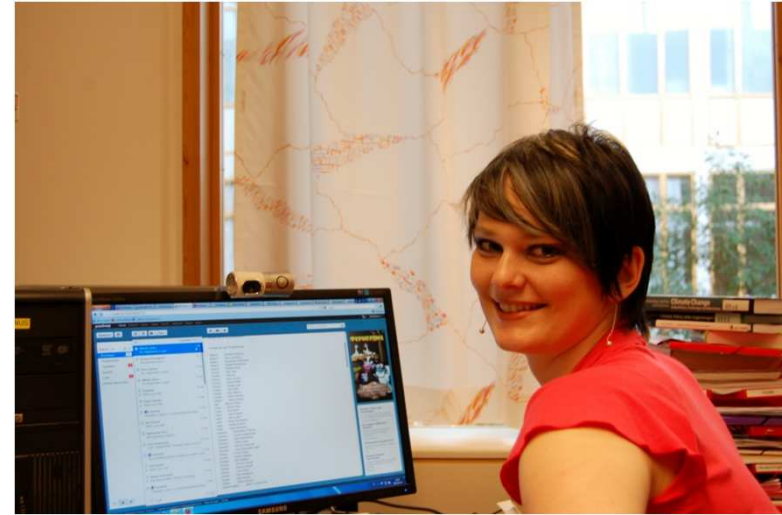
Imbi 1992



Jānis 1994



Natalia and Anna 2012



**Bachelor and Master theses
on survey sampling
in **Baltic** universities 1995-2009**

	<i>Bachelor</i>	<i>Master</i>	<i>Total</i>
Estonia	23	12	35
Latvia	25	10	35
Lithuania	44	31	75
<i>Total</i>	92	53	145

Doctoral Theses on Survey Sampling by Baltic participants

Signe Bāliņa, University of Latvia 2002

Kadri Meister, Univ of Tartu and Umeå 2005

Jurgita Turkuvienė, Vilnius University 2006

Kaja Sõstra, University of Tartu 2007

Dalius Pumputis, Vilnius Pedagogical U 2008

Viktoras Chadyšas, Vilnius Technical U 2009

Natalja Lepik, University of Tartu 2011

Andrius Čiginas, Vilnius University 2012

Doctoral Theses on Survey Sampling by other participants at Network events

- 4 from **Finland** 2004-2011 (**Pauli Ollila**)
- 10 from **Sweden** 2000-2010
- 1 from **Ukraine** 2007 (**Oksana Honchar**)

Our Network region

- **Belarus**
- **Denmark**
- **Estonia**
- **Finland**
- **Latvia**
- **Iceland**
- **Lithuania**
- **Norway**
- **Ukraine**
- **Sweden**

Who are the Network partners?

Belarus State Economic University

National Taras Shevchenko University of Kyiv

University of Helsinki

University of Latvia

University of Stockholm

University of Tartu

University of Umeå

Vilnius Gediminas Technical University

Vilnius University

Network partners – continued

- **Institute of Mathematics and Informatics (Vilnius)**
- **Institute for Demography and Social Research (Kyiv)**
- **National Academy of Statistics, Accounting and Audit (Kyiv)**
- **Scientific and Technical Complex of Statistical Research (Kyiv)**

Who are the Steering Committee?

- **Danutė Krapavickaitė** **Lithuania**
- **Gunnar Kulldorff** **Sweden**
- **Jānis Lapiņš** **Latvia**
- **Risto Lehtonen** **Finland**
- **Aleksandras Plikusas** **Lithuania**
- **Daniel Thorburn** **Sweden**
- **Imbi Traat** **Estonia**
- **Olga Vasylyk** **Ukraine**

Major sponsors

- **Swedish Institute 1991-2012**
- **University of Umeå 1992-1997**
- **EU Phare 1997**
- **EU Tempus Tacis 1997-2000**
- **Statistics Sweden 2002**
- **Swedish Research Council 2002, 2011**
- **Nordic Council of Ministers 2004-2012**
- **Academy of Finland 2007**
- **Kempe Foundation 2011**
- **Network partners and research grants**

Where are we? – On the Web

- ***B-N-U Network on Survey Statistics***

<http://wiki.helsinki.fi/display/BNU>

- ***Valmiera Workshop 2012***

<http://home.lu.lv/~pm90015/workshop2012/>

- ***3rd BaNoCoSS 2011***

<http://www.mathstat.helsinki.fi/msm/banocoss/2011/>

- ***Vilnius Workshop 2010***

<http://vilniusworkshop2010.stat.gov.lt>

Welcome!

to our Workshop!

and to our Network!