



Argonne
NATIONAL
LABORATORY

... for a brighter future

***4th International Workshop on
Sample Environment at
Neutron Scattering Facilities
September 6-8, 2006***

*From My
Perspective*

Ken Volin



U.S. Department
of Energy



THE UNIVERSITY OF
CHICAGO



**Office of
Science**

U.S. DEPARTMENT OF ENERGY

A U.S. Department of Energy laboratory
managed by The University of Chicago

A Most Successful Workshop!



Many Thanks to the IPNS Division

- Ray Teller – Division Director
- Chuck Prokuski – Operations Manager
- Bev Marzec – Financial Officer [\$ for registration materials]
- Maria Heinig – Division Executive Secretary
[Foreign visitor, gate passes, and a lot more.]
- Merle Faber – IT setup and more.
- Instrument SA – Scheduling room temperature experiments for this week.

Also Thanks To:

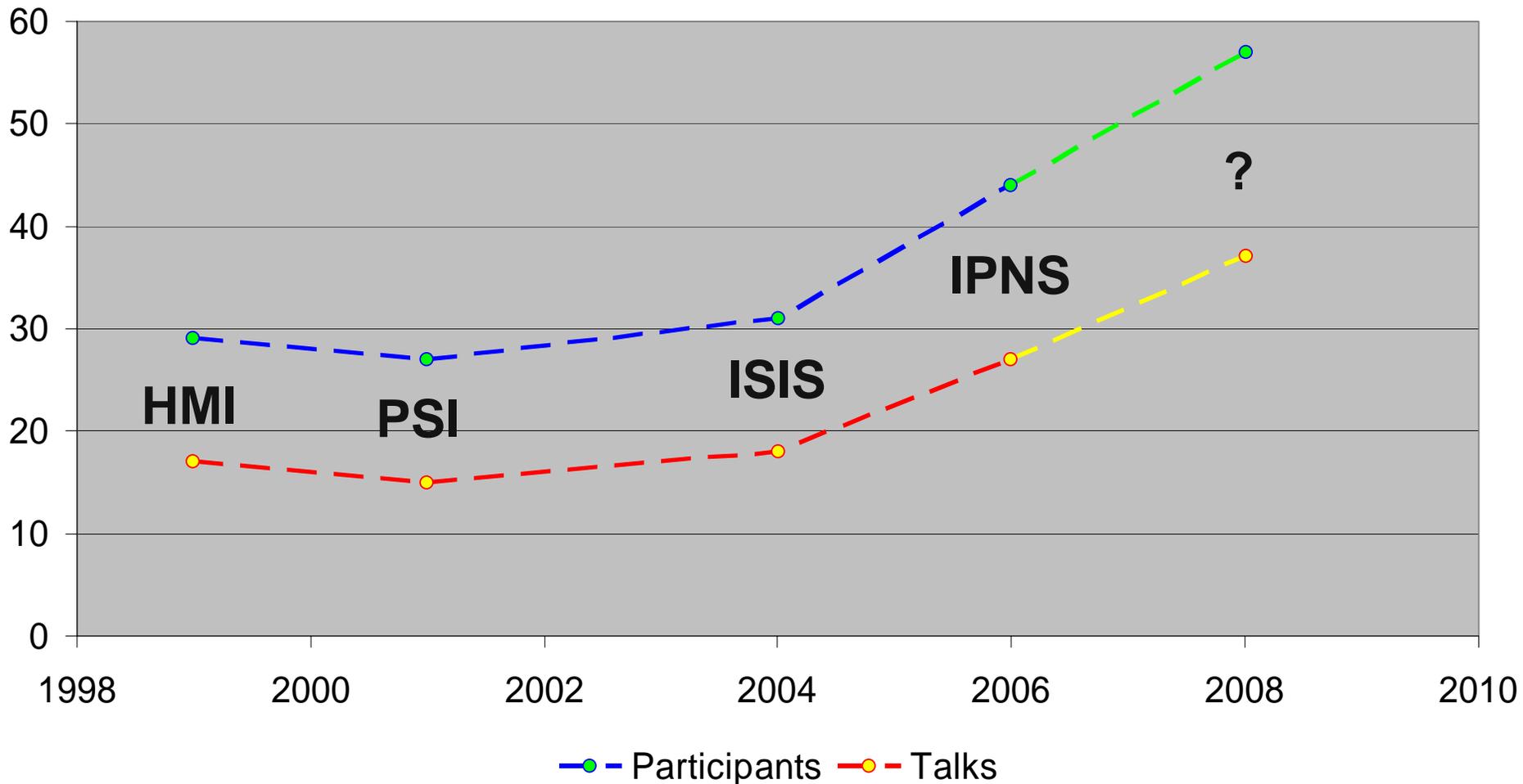
- Rick Hapanowicz, Oxford Instruments, USA
[Morning and mid-morning amenities]
- Zoe Bowden, ISIS
[Reception pizza]

Excellent Representation from Neutron Scattering Facilities Worldwide!

Continent	#	Facility	Institution	Country	#
North America	25	Intense Pulsed Neutron Source	Argonne National Laboratory	USA	7
		Lujan Neutron Scattering Center	Los Alamos National Laboratory	USA	0
		NIST Center for Neutron Research	NIST	USA	3
		Canadian Neutron Beam Centre	National Research Council	CAN	0
		High Flux Isotope Reactor	Oak Ridge National Laboratory	USA	5
		Spallation Neutron Source	Oak Ridge National Laboratory	USA	3
		AMPAC	University of Florida	USA	1
		Industry	Oxford Instruments, Inc.	USA	1
		Industry	Containerless Research Inc.	USA	2
		Industry	ARS, Inc.	USA	2
Industry	Vacuum One, Inc	USA	1		
Europe	17	Berlin Neutron Scattering Center	Hahn-Meitner Institut	GER	4
		Institut Laue Langevin	Institut Laue Langevin	FRA	2
		Frank Laboratory of Neutron Physics	Joint Institute of Nuclear Research	RUS	1
		Swiss Spallation Neutron Source	Paul Scherrer Institute	SUI	1
		ISIS Pulsed Neutron Source	Rutherford-Appleton Laboratory	GBR	6
		FRM II	Technische Universitaet Muenchen	GER	2
		Industry	Oxford Instruments, Ltd.	GBR	1
Asia/Australia	2	Bragg Institute	ANSTO	AUS	1
		Institute for Materials Research	Tohoku University	JPN	1

Excellent Growth of Sample Environment Community

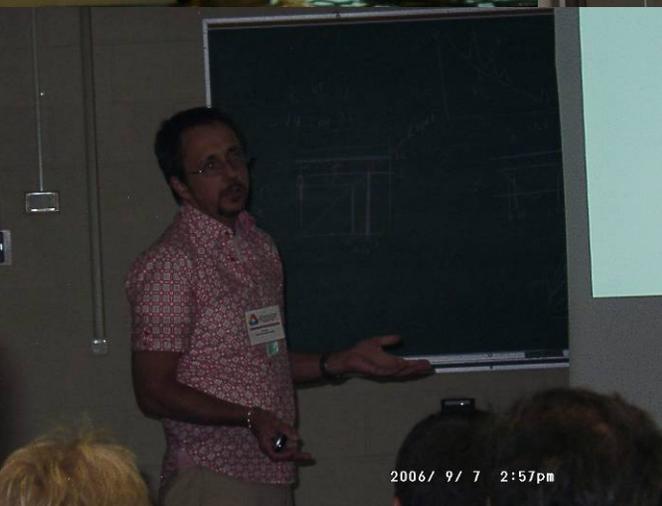
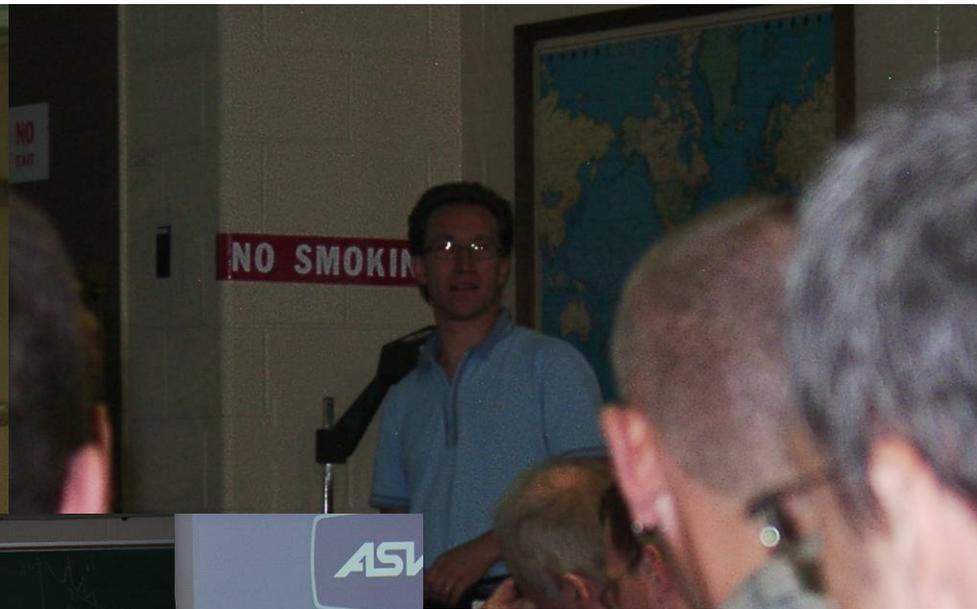
Sample Environment Workshop Participation



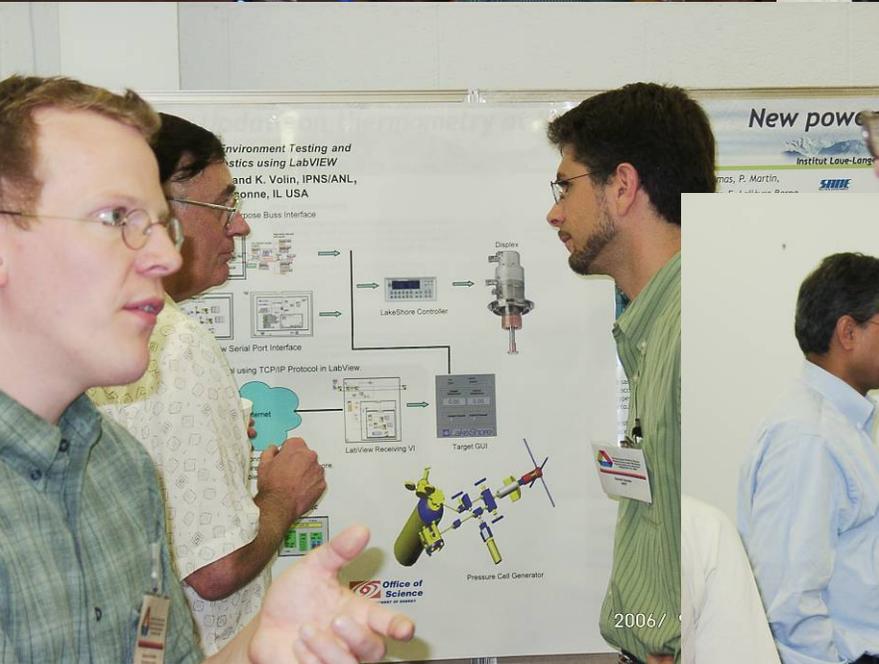
Excellent Presentations on a Variety of Subjects

Topics	Oral	Poster	Total
Facility Overview and Status	6	1	7
High Magnetic Field	3	2	5
High Temperature	3	1	4
Low Temperature	7	1	8
High Pressure	1	3	4
Positioning	2	1	3
Control Software	2	1	3
Other	2	0	2
Totals	26	10	36

Excellent Presentations



Excellent Networking



Excellent Social Interactions



Loose Ends?

□ 7th Programme - Joint Research Activity > Eddy

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- Better communications and sharing of knowledge between facilities through perhaps a web ring, SE Web site, webcasts, etc > All

Sage Advice for My Successor

- ☑ Start planning early! First circular by end of 9/2007
- ☑ Expand program from 2½ days to 3 ½ days with a mid-workshop break for something fun.
- ☑ Plan for longer talks – 30min (60min for Michael!)
Maybe One 40min talk from each facility (their choice of topic) and the rest being 20min talks.
- ☑ More Industry representation and presentations.
No trade secrets but real test data on their products!
- ☑ Publish proceedings?
- ☑ Include a pre-workshop tutorial?
- ☑ Organize regional (North America/Europe/Asia) topical workshops in intervening year. Compile presentations on web or in a publication. Perhaps a web-cast?

*The 5th International Workshop on
Sample Environment at Neutron Scattering Facilities*

The winner for hosting the next

*International Workshop on
Sample Environment at
Neutron Scattering Facilities*

IS

*The 5th International Workshop on
Sample Environment at Neutron Scattering Facilities*

Eddy Lelievre-Berna

The 5th International Workshop on Sample Environment at Neutron Scattering Facilities

- When: 2008
- Where: Grenoble, France
- Host Facility: Institute Laue Langevin
- Organizer: Eddy Lelievre-Berna



Thanks to everyone for
making this the most
successful workshop yet!
Ken