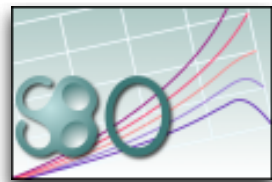
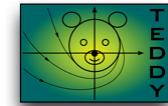
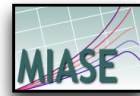


The background of the slide is a faded, light blue image of the Statue of Liberty in New York City. The statue is positioned in the upper center, holding a torch aloft. Below it, the city skyline and the water of the harbor are visible. A large ferry boat is in the lower right corner of the image.

Welcome to HARMONY 2011

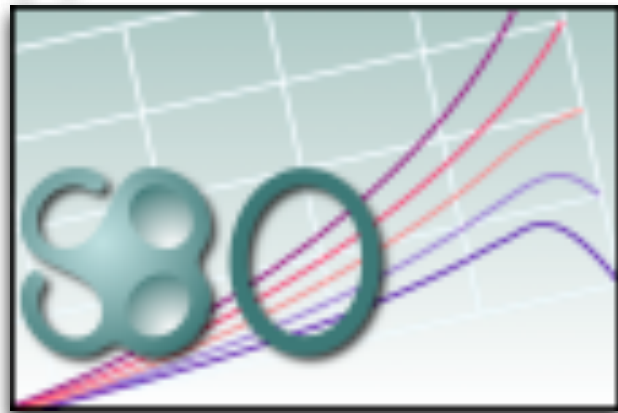
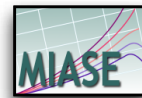
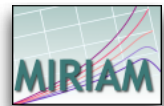
*Computational Biology
Memorial Sloan-Kettering Cancer Center
New York City, USA
April 18–22, 2011*

What is this about? Part I.



SBRML

What is this about? Part I.



SBRML



What is this about? Part I.

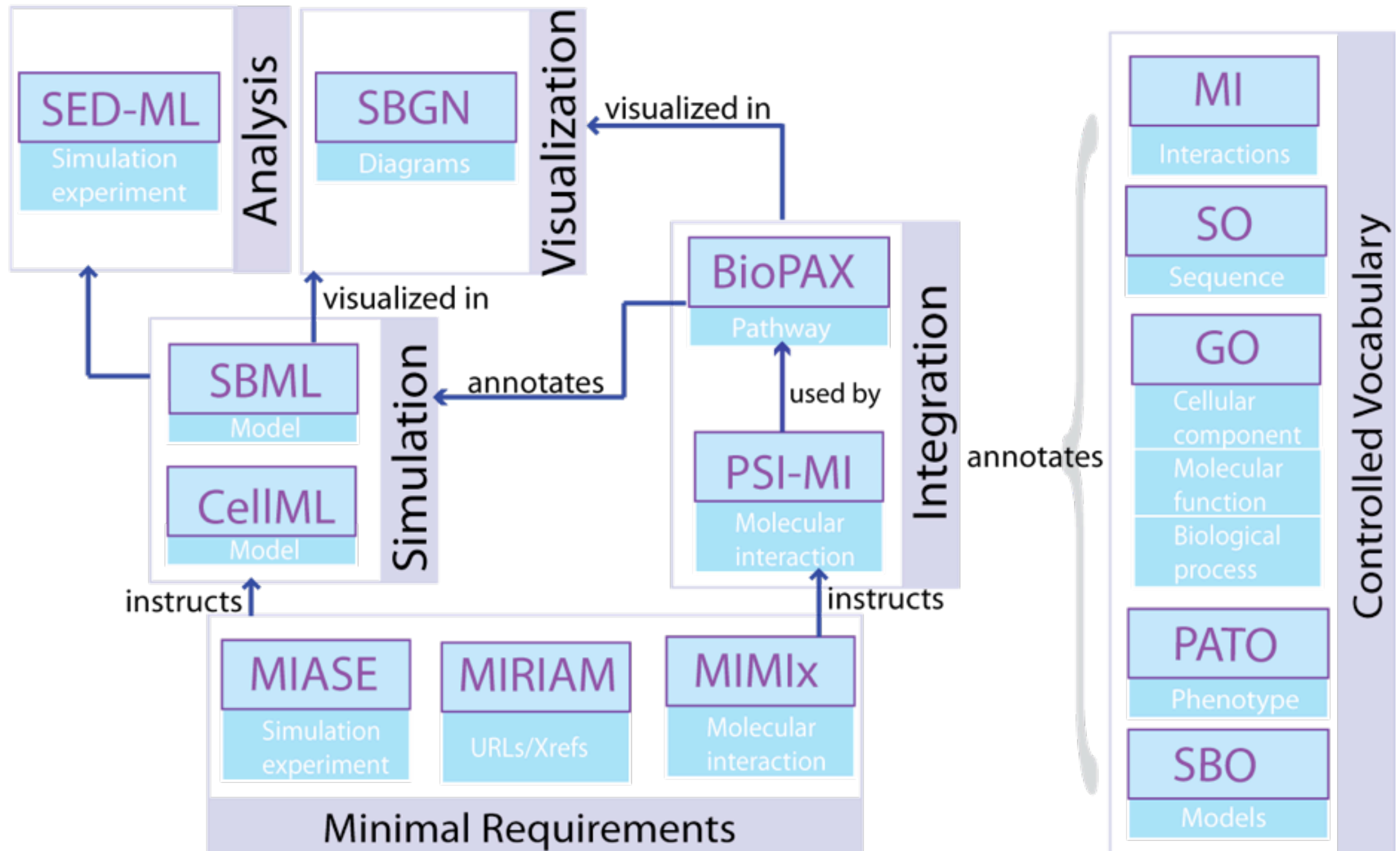
Standards for different parts of a model's life cycle



(Credit: Nicolas Le Novère)

What is this about? Part I.

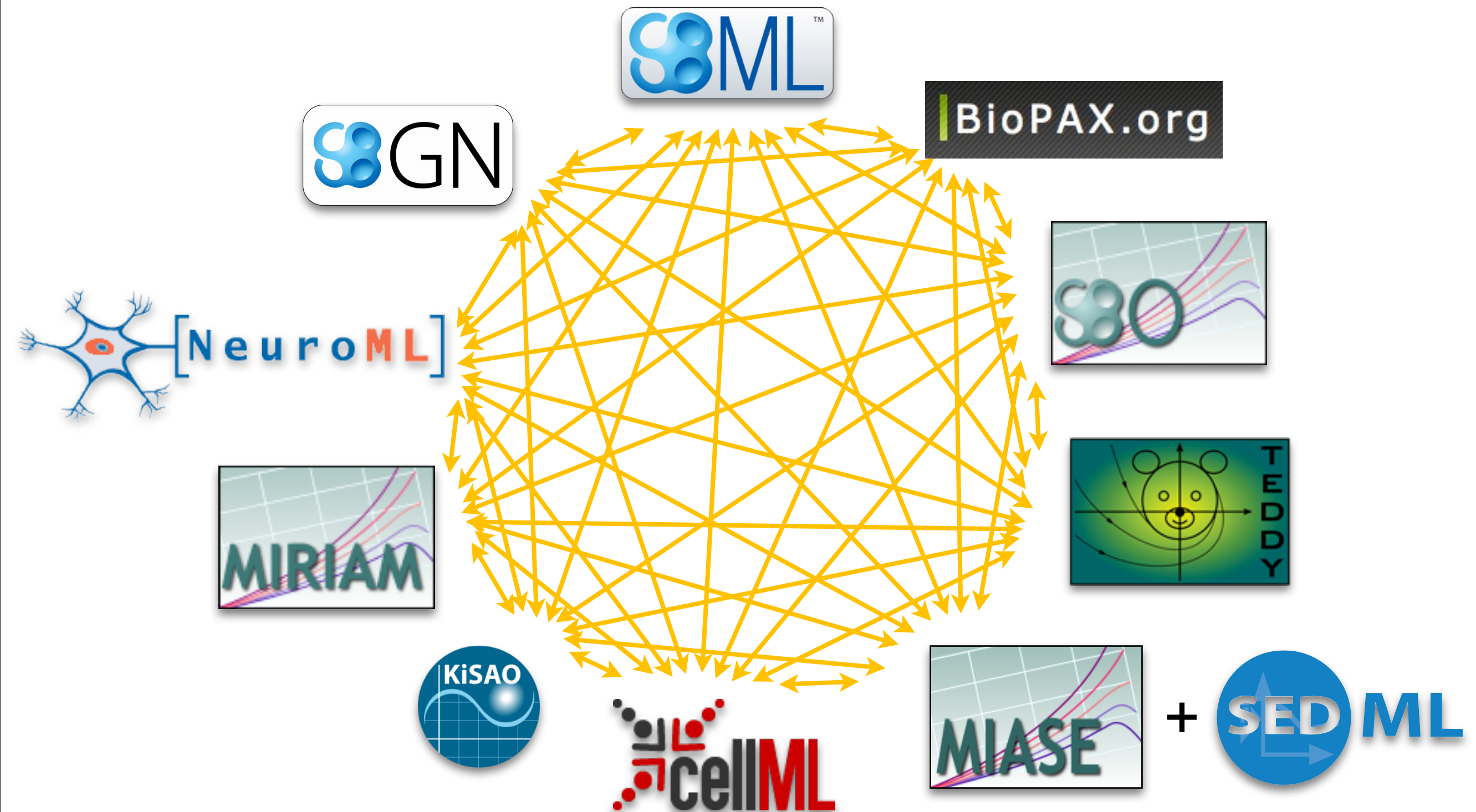
Growing interactions and interdependencies



(courtesy Nadia & Emek)

What is this about? Part I.

Want more interaction between related activities



What is this about? Part 2.

Prevent workshop escalation

Apr. 2000	First general workshop	Pasadena, California, US
Nov. 2000	Second general workshop	Tokyo, Japan
Jun. 2001	Third general workshop	Pasadena, California, US
Dec. 2001	Fourth general workshop	Pasadena, California, US
Jul. 2002	Fifth general workshop	U. Hertfordshire, UK
Dec. 2002	Sixth SBML Forum meeting	Stockholm, Sweden
May 2003	Seventh SBML Forum meeting	Ft. Lauderdale, Florida, US
Jul. 2003	First SBML Hackathon	Blacksburg, Virginia, US
Nov. 2003	Eight SBML Forum meeting	St. Louis, Missouri, US
Apr. 2004	Second SBML Hackathon	Cambridge, UK
Oct. 2004	Ninth SBML Forum meeting	Heidelberg, Germany
May 2005	Third SBML Hackathon	Tokyo, Japan
Oct. 2005	Tenth SBML Forum meeting	Boston, Massachusetts, US
Apr. 2006	Fourth SBML Hackathon	Nové Hrady, Czech Republic
Oct. 2006	Eleventh SBML Forum meeting	Tokyo, Japan
Jun. 2007	Fifth SBML Hackathon	Newcastle, UK
Sep. 2007	SBML Composition Workshop	U. Connecticut, Connecticut, US
Oct. 2007	Twelfth SBML Forum meeting	Long Beach, California, US
Dec. 2007	SBML Multi* Workshop	Cambridge, UK
Apr. 2008	Sixth SBML Hackathon	Stellenbosch, South Africa
Aug. 2008	SBML Alt. Modeling Frameworks	Cambridge, UK
Aug. 2008	Thirteenth SBML Forum meeting	Göteborg, Sweden
Mar. 2009	Seventh SBML Hackathon	Cambridge, UK
May 2010	SBML-NeuroML Interfacing	Cambridge, UK
May 2010	SBML Annotations Pkg Workshop	Cambridge, UK
May 2010	BioModels.net-SBML Hackathon	U. Washington, US

**Example:
SBML**

**26
workshops
in 10 yrs**

What is this about? Part 2.

Prevent workshop escalation

Apr. 2000	First general workshop	Pasadena, California, US
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**Multiply this by the number of
standardization efforts**

**Example:
SBML**

**26
workshops
in 10 yrs**



- Research
- Presentations
- New lang. dev.
- Community voting

HARMONY = Hackathon on
Resources for Modeling in Biology

- Improving s/w interoperability
- Writing specs.
- Learning about s/w

The idea: team up!

HARMONY 2011

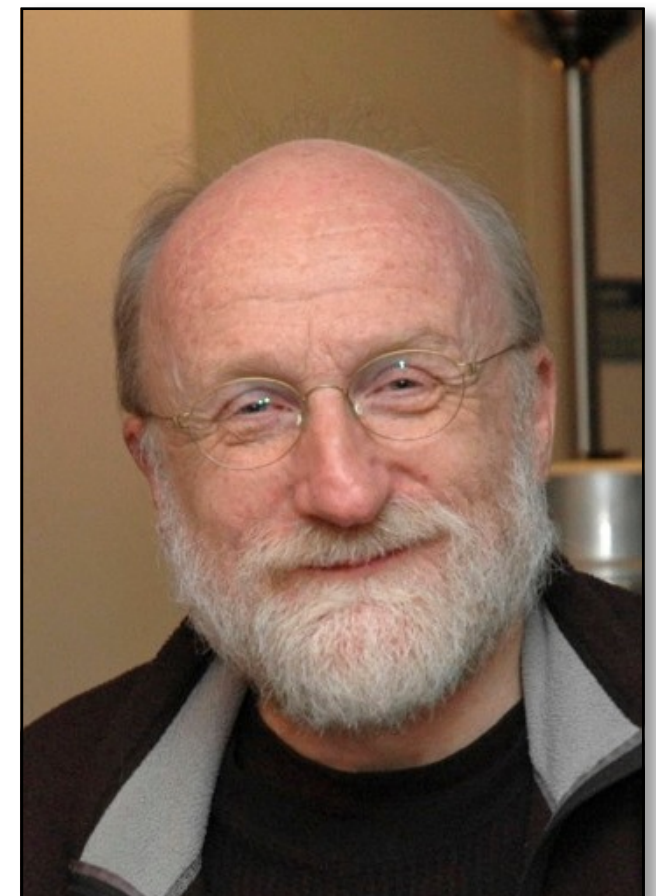
	Mon	Tue	Wed	Thu	Fri
AM	Tutorials	SBGN Presentations	BioPAX Presentations	SBML Presentations	Interop. Presentations
PM	Tutorials	Work & ad hoc discussions	Work & ad hoc discussions	Work & ad hoc discussions	Work & ad hoc discussions
	Reception & Posters				



Nadia Anwar



Emek Demir



Chris Sander

••cBio@MSKCC



Memorial Sloan-Kettering
Cancer Center

The people who made HARMONY 2011 possible

Other thanks

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- Linda Taddeo (Caltech)

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- BBSRC (UK)
- MSKCC
- NIH/NIGMS (US)
- EMBL-EBI
- Caltech

