System Dynamics Society

The 32nd International Conference
of the System Dynamics Society

systemdynamics.org

Delft, Netherlands
July 20-24, 2014

Registration Brochure

Deadlines and Key Dates

- **March 18, 2014**
  Submission deadline for papers, workshops, tutorials, & session proposals
- **May 7, 2014**
  Notification of acceptance
  Scholarship applications due
- **May 14, 2014**
  Final abstracts due for printed abstract proceedings
- **May 29, 2014**
  Presenter registration deadline
  Papers of unregistered presenters removed from program
- **June 6, 2014**
  Tentative program schedule available
- **June 7, 2014**
  Reserved hotel room availability reduced
- **June 23, 2014**
  Early registration deadline
- **July 20, 2014**
  PhD Colloquium
  Policy Council Meeting
- **July 21, 2014**
  Delft Conference Opening!

Conference Contacts

Program Chairs:
Pål I. Davidsen
  University of Bergen
Etiënne A. J. A. Rouwette
  Radboud University Nijmegen

Organizing Chairs:
Erik Pruyt
Wil A. H. Thissen
C. Els van Daalen
  Delft University of Technology
delft-info@systemdynamics.org

Workshop Chairs:
Jack B. Homer, Homer Consulting
Hazhir Rahmandad, Virginia Tech

Conference Manager:
Roberta L. Spencer
  System Dynamics Society
  Phone: +1-518-442-3865
  conference@systemdynamics.org
  Conference tag: #ISDC14

The annual System Dynamics conference brings together people from around the world to share important research and application results and to build the community of those active within the field. For 2014 we return to the Netherlands, this time to Delft University of Technology.

The conference theme is *Good Governance in a Complex World.* We aim to address the role of models in governance in the public and private sectors, involving a diversity of domains, disciplines, organizations, stakeholders, policies, and goals.

We welcome all research and documented applications of methodology to solve real world problems, including innovative developments in techniques and tools aimed at creating new solutions.

The conference program will consist of invited and contributed sessions and workshops. There will be plenary presentations showcasing important work in the field, along with parallel and poster sessions, making available the most current research, applications, and work in progress. In addition, there will be interest group sessions, student colloquia, the Modeling Assistance Workshop, vendor displays, demonstrations, skill-building workshops on Thursday and Friday, and more. The conference schedule will provide time for social and professional interaction.

A business event will be organized on Wednesday, July 23, for those from industry or public organizations who would like to become familiar with the possibilities of system dynamics for their organization. This *Business Day* includes admission to the System Dynamics conference on Wednesday, lunch, and special sessions for participants. Admission also includes workshop participation on Thursday and Friday. For Business Day registration, see the conference website.

Conference Sponsorship (to date)

Conference Partners
- Greenwood Strategic Advisors AG and Ventana Systems
- TU Delft Aula Congress Centre

- Berkeley Research Group, LLC
- European Master Programme in System Dynamics
- isee systems

- Allen L. Boorstein
- AnyLogic Europe
- Copernicos Group
- Forio Online Simulations
- International Society for the Systems Sciences
- Jantz Morgan LLC

Friends
- Lane Press of Albany

Champion Sponsor
- Faculty of Technology, Policy and Management at Delft University

Supporting Sponsors
- PA Consulting Group
- Strategy Dynamics Ltd
- Wiley
- Worcester Polytechnic Institute (WPI)

Exhibitor Sponsors
- Sandia National Laboratories
- Social System Design Lab, Washington University in St. Louis
- The Manufacturing Game®/Ledet Enterprises, Inc.
- Whole Systems Partnership

Business Day Sponsors
- Delft University of Technology
- Deltares
- Radboud University Nijmegen

Presentations

Presentations will be grouped into sessions organized by the following topic threads:

Threads	Thread Chairs
Business	Markus Salge
Economics	Klaus John and David Wheat
Environment	Allyson Beall and Nuno Videira
Health	Gary Hirsch and Erik Pruyt
Human Behavior	Elise Axelrad and Peter Hovmand
Information and Knowledge	Michael Bean and Peter Otto
Learning and Teaching	Stephen Alessi and Özge Pala
Methodology	Jim Duggan and Mohamed Saleh
Operations	Andreas Größler and Steve Peterson
Public Policy	John Barton and Rod MacDonald
Resources	Brigit Kopainsky
Security	Edward Anderson and Stephen Conrad
Stakeholder Engagement	Etiënne Rouwette and Krystyna Stave
Strategy	Martin Kunc and Brad Morrison

All posters will be presented on Monday, July 21, at the **Poster Symposium and Light Buffet**. Attendees will have ample time to mingle and converse with the authors, together with a standing light buffet dinner. Guests who purchase a Social Program ticket are welcome to attend.

The conference program will include hands-on **workshops and tutorial sessions** facilitated by leading scholars in the field. Instructional workshops will run in parallel on Thursday, July 24. Separately, the **Modeling Assistance Workshop** will be held for the 14th consecutive year, pairing those with modeling questions with experienced modelers for one-on-one coaching during two spectator-friendly cluster sessions and also privately throughout the conference.

Other events will include topic Roundtables (e.g. Biomedical; Business; Information Science and Information Systems; Education; Energy; Environmental; Economics; Conflict, Defense and Security; Model Analysis; Psychology) and the HPSIG Health Policy Discussion. The SD Career Link Bulletin Board will be coupled with the Red Ribbon Event that will link job seekers with employment opportunities.

Exhibitor demonstrations and software users' group meetings will showcase products and services in practice.

The 15th annual **PhD Student Colloquium** is scheduled for Sunday, July 20. This is an opportunity for PhD students to present and share their research through plenary and poster sessions. Masters and undergraduate students with outstanding work are welcomed to submit, too. For information contact Sibel Eker and Jill Kuhlberg at phdcolloquium@systemdynamics.org or visit student.systemdynamics.org. The Colloquium is free and open to everyone.

The **Newcomer Orientation Session** is a special event for newcomers, scheduled for a half hour in the afternoon on Sunday, July 20. Newcomers and guides (veteran attendees) will be brought together based on their topics of interest. The guides will answer questions and provide information to help newcomers get the most out of the conference.

If you are a newcomer and would like to participate in this program, please mark the circle on the registration form for first-time participant. To volunteer as a guide, please contact Len Malczynski at lamalcz@sandia.gov.

"Meet me at the **Model Expo!**" Over lunch you have a chance to talk to people about how your model works, get important comments, and just show off.

A **Lunch Package** providing lunch on Monday, Tuesday, and Wednesday is available for purchase. Lunch served at the Exhibitor Area will allow plenty of time to eat, meet, chat, and peruse exhibits. Purchasing the lunch package is recommended for conference attendees and is also available for guests.

Call for Nominations

Nominations are invited for the Jay W. Forrester Award and the Dana Meadows Award. Nominations are also invited for the Lupina Young Researchers Award, the Frank Fisher Award, and the Barry Richmond Scholarship Award. Please refer to the Society website and the conference paper submission system for complete details on all awards.

Scholarships

A limited number of partial scholarships will be available. To apply, please use the conference paper submission system to provide a short paragraph describing why support is needed and what special contribution you will make to the conference or take back from the conference to your home community. The deadline for applying is May 7.

Social Program

The Social Program includes a Welcome Reception after Sunday registration. The Poster Symposium and Light Buffet will be held on Monday evening and the conference Banquet Dinner on Tuesday.

The Spouses' Lounge offers a place for spouses, significant others, travel companions, and family members to meet, gather, and make plans to do fun things in the area.

An opportunity to take a guided tour of the historic center of Delft will be available. For more information about Spouses' Lounge activities visit the Social Program area on the conference website.

Travel Information

A variety of lodging options are available to conference attendees. For detailed information on lodging options, travel to and within the Netherlands, as well as to make hotel reservations, please visit the Venue area on the conference website.

■ Tentative Conference Schedule

Time	Sunday 20-Jul	Monday 21-Jul	Tuesday 22-Jul	Wednesday 23-Jul	Thu/Fri 24/25-Jul
Morning	PhD Colloquium **All Day**	Mon-Wed Registration/Information Desk ALL DAY		Business Day	Workshops **All Day** *(Thursday & Friday)*
		Morning Announcements			
		Conference Opening and Plenary Sessions	Business Meeting Jay W. Forrester Award Ceremony	Plenary Sessions and Presidential Address	Conference Debriefing Meeting *(Thursday)*
		Refreshment Break			
		Parallel Sessions and Modeling Assistance Workshop			
Mid-day	Policy Council Meeting Registration	Lunch (tickets purchased separately) Model Expo Roundtables • Demonstrations Committee, Chapter, SIG Meetings and Other Meetings			Chapter & SIG Meetings *(Friday only)*
Afternoon	HPSIG: Health Policy Discussion and Business Meeting Newcomer Orientation	Parallel Sessions			
		Refreshment Break			
		Plenary Sessions and Award Ceremony	Plenary Sessions	Plenary Sessions and Closing Ceremony	Workshops *(continue into the afternoons)*
Evening	Welcome Reception	Poster Symposium and Light Buffet	Conference Banquet and Award Announcements		

■ Conference Registration Process

To register and pay online (using PayPal), please visit the conference website and click on "Login/Register/Submit." Registrations may also be made by telephone with a credit card, or by submitting the form on the reverse page via post or fax. Upon receipt of the completed registration form and full payment, a confirmation will be sent.

Groups of four or more from the same organization qualify for a 10% discount on registration fees when registration forms and payments are submitted together.

All attendees, whether presenting or not, must register for the conference. The conference registration fee includes attendance for the registrant at all regular conference functions (all sessions, presentations, workshops and meetings, refreshment breaks, and social program events).

The full proceedings, including complete papers, will be available after the conference on the Society website. A copy of the printed abstract proceedings is included with the registration fee, provided only if indicated on the registration form. Please purchase a Social Program ticket for your guest(s).

Conference cancellation policy Any cancellation or change in conference registration must be submitted in writing to the Society office. Cancellations on or before June 28, 2014 are subject to a cancellation fee of 50%. Thereafter, no refund will be given; however, a registration may be transferred to a substitute participant.

Member discounts on conference registration fees If you are not already a member of the System Dynamics Society, join now for the calendar year 2014. Members receive the member discount on the conference registration fee and other member benefits.

Membership Fee Table

Income Level	Print and Electronic *SD Review*	Electronic only *SD Review*
under $8,000	$30	$15
$8,000 - $20,000	$45	$35
$20,000 - $40,000	$60	$50
$40,000 - $70,000	$95	$85
$70,000 - $100,000	$120	$110
over $100,000	$150	$140
Income not specified	$150	$140

The table above shows the levels for membership fees. Income used in the determination should be your personal gross (before tax) income converted into US dollars at the prevailing rate of currency exchange. You do not need to disclose the amount of your income to the Society. Simply select the level that is appropriate for you and whether or not you wish to receive, in addition to electronic access, printed copies of the *System Dynamics Review.* Then, add the membership fee to the conference registration form (see reverse side.) The System Dynamics Society is open to all individuals.

Please complete the conference registration form on the reverse page --->

Please send registration form and payment to:

(PLEASE PHOTOCOPY THIS FORM AS NEEDED)

Post: **System Dynamics Society**
   Milne 300 - 135 Western Avenue, University at Albany – SUNY, Albany, New York 12222 USA
   FAX: +1-518-442-3398   Phone: +1-518-442-3865   E-mail: conference@systemdynamics.org

System Dynamics Society
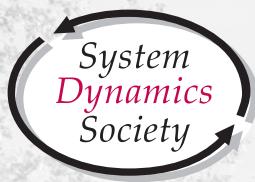
32nd International Conference of the System Dynamics Society

Delft, Netherlands   July 20 – 24, 2014

■ Registration Form

Please type or print CLEARLY your details in the form below or register online at conference.systemdynamics.org.

First Name: _____ Last Name: _____

Salutation (Dr., Ms., Mr. etc.): _____ Familiar first name: _____ (to appear on your badge)

Position or job title: _____

Organization: _____

Postal Address: _____

City/State: _____ Country: _____

Postal Code: _____ E-mail: _____

Telephone: _____ (country code - area code - local number)

In case of emergency, please contact: Name: _____ Telephone: _____
(country code - area code - local number)

○ Check here if you are a **first-time participant** at the International Conference of the System Dynamics Society.
○ Check here to receive a hard copy Abstract Proceedings book at the conference. Full proceedings will be online post-conference.

If you plan to attend the PhD Colloquium event on Sunday, July 20 please register at student.systemdynamics.org.

Banquet Dinner:
Indicate meal choice, number and name of guest(s).

Dinner Choice	You (no extra fee)	Guest(s) (please purchase a Social Program ticket below)
Non-vegetarian		# and name(s) for badge:
Vegetarian		# and name(s) for badge:

Registration Fees	Quantity	On or before June 23	June 24 through July 12	On or after July 13 and on-site	Subtotal
Member[1]		US$555	US$625	US$775	US$
Supported Member[2]		US$260	US$300	US$375	US$
Full-time Student		US$260	US$300	US$375	US$
Non-Member		US$650	US$725	US$900	US$
Group Discount[3]					US$
Lunch Package (Mon, Tue, Wed)[4]		US$45	US$50	N/A	US$
Social Program Ticket for Guest[5]		US$135	US$150	US$190[6]	US$
2014 Society Membership January 1–December 31, 2014		Please refer to Membership Fee Table (see reverse side)			US$
				TOTAL PAYABLE	US$

1 Member discounts are for System Dynamics Society members. For membership information see reverse side.
2 Current Society members with annual incomes under US$20,000.
3 Groups of four or more from the same organization qualify for a 10% discount on appropriate registration fees when registration forms and payments are submitted together.
4 Lunch is **not** included in the conference fee. Lunch packages can also be purchased in advance for a guest(s), however, are not available for purchase on-site.
5 For anyone NOT registered for the conference. The Social Program ticket permits guest attendance at all of the Social Program events (Banquet and Buffet); the group discount does not apply to the Social Program ticket.
6 Social Program tickets for guest(s) will be sold on-site only if available.

Payment Details:
○ Credit card:
   ○ MasterCard   ○ Diners Club
   ○ Visa   ○ American Express

Credit card number: _____

Signature: _____

Expiration date: _____
or
○ Check enclosed (in US$ drawn on a US bank payable to System Dynamics Society)

○ Wire transfer (We will send bank details.) All sending and receiving bank transfer fees/charges are the responsibility of the registrant.

Please note: **To register and pay online (using PayPal), please visit the conference website at conference.systemdynamics.org**