

Wednesday, July 2	
Evening opening reception	Sheraton Commander Hotel
Thursday, July 3	
Scientific day 1	Presentations, keynote and posters
Evening event	Harvard Museum of Natural History
Friday, July 4	
Networking day	4 <sup>th</sup> of July activities and networking
Saturday, July 5	
Scientific day 2	Presentations, keynote and posters
Banquet	Concert by Henriette Gärtner Conference dinner awards ceremony
Sunday, July 6	
Courses	Workshops, software courses, education courses

### Useful links

www.esm2014.com                      www.cambridgeusa.org  
 www.novel.de                              www.july4th.org  
 www.novelusa.com                      www.boston.com  
 www.sheratoncommander.com      www.esm2012.com  
 www.wcb2014.com

### Important dates

April 7, 2014	Abstracts notified
May 20, 2014	Deadline for full length paper for art in science award
July 2-6, 2014	ESM 2014

### Sponsor

novel electronics inc  
 St. Paul MN USA  
 www.novelusa.com



novel gmbh  
 Munich Germany  
 www.novel.de

### Dates

- **April 18, 2014** – Date on which early registration discount ends
- **June 2, 2014** – Hotel room block reservation deadline
- **June 2, 2014** – No full refunds for cancellation after this date
- **June 13, 2014** – Advance registration deadline. Registrations after this date must be made onsite.

### How to Register

Registration process info: [www.regonline.com/esm2014](http://www.regonline.com/esm2014)

Registration fees (attendee):

- **Early Registration** (prior to April 18, 2014): **US \$550**
- **Late Registration** (after April 18, 2014): **US \$650**

Full registration includes:

- Welcome Reception Wednesday
- Breakfast Thursday – Sunday
- Breaks and lunches on Thursday and Saturday
- Dinners and Evening Events on Thursday and Saturday
- Networking Day on Friday (activities, lunch, dinner)
- Workshops on Sunday

Guest of Registered Attendee:

**Adult: \$325, Child ages 6-12: \$250**

Includes all above listed items except morning/afternoon breaks, lunches and scientific presentations.

### Contact

For general inquiries and registration please contact:

**Susan Diekrager or Maria Pasquale**, novel electronics inc.  
 novelinc@novelusa.com, tel. +1 651 221 0505  
 964 Grand Avenue, St Paul, MN 55105, USA

For inquiries regarding presentation please contact:

**Daniela Jirova-Enzmann**, novel gmbh  
 danielajirova@novel.de, tel. +49 (0)89 4177670  
 Ismaninger Strasse 51, 81675 Munich, Germany

Image kindly provided by John Coletti



**July 2-6, 2014**

**Cambridge, Massachusetts, USA**  
 The Sheraton Commander Harvard Square

April 2014 | Information subject to change without notice

## Venue

ESM 2014 will be held in the historic Cambridge, Massachusetts. The conference will begin on July 2<sup>nd</sup> 2014 with an evening reception and then feature two days of scientific research on the latest developments in load distribution measurement. Researchers from all disciplines (basic science, research and development, applied science, clinical etc) and utilizing all technologies of load distribution measurement are welcome. Receptions, meeting space and accommodations will be held at the historic **Sheraton Commander Hotel Harvard Square**.

In addition the networking day will take place on the 4<sup>th</sup> of July. Boston's history is intertwined with that of the 4<sup>th</sup> of July Holiday and the celebration in Boston is unlike any other in the country!

As in the past, a workshop presented by novel will be held on July 6<sup>th</sup> providing attendees with information on the latest advances in load distribution measurement.

## Host

**Vera Novak, MD, PhD**

Beth Israel Deaconess Medical Center  
Harvard Medical School Teaching Hospital  
Division of Gerontology



## Scientific Chair

**Howard J Hillstrom, PhD**

Director, Leon Root, MD Motion Analysis Lab  
Hospital for Special Surgery New York



## Hotel

**Sheraton Commander Hotel Harvard Square**

Reservations should be made online at the following link:  
[www.starwoodmeeting.com/Book/ESM2014](http://www.starwoodmeeting.com/Book/ESM2014)  
King and two double bed rooms are available at excellent group rate of US \$159/night.

The cut-off for room reservations is **June 2, 2014**.

## art in science award 2014

The art in science award 2014, with a prize of US \$5,000 will be presented for the best scientific manuscript in the field of dynamic load distribution in biomechanics. The paper must be entirely original, not published at the time of the meeting in any journal nor submitted for publication to any journal or book. The paper must describe a scientific study including load distribution measurement.

### Best Presentation Award

Award for the Best Presentation will be presented and the award recipient will receive US \$1,000.

The award is based on voting of the scientific committee.

### Best Poster Award

Award for the Best Poster will be presented and the award recipient will receive US \$1,000.

The award is based on voting of the scientific committee.

### Most Promising Proposal MPP

Anyone who has not defended his or her PhD prior to the first conference day (July 2, 2014) is eligible for the MPP award. The goal is to present a project proposal which includes the investigation of load distribution on the human or animal body. The topic area can be freely chosen and a document of maximum two pages (excl. reference list) must be submitted to the session chair not earlier than one hour before the award session starts. Seven printed copies must be provided. Proposals fitting the requirements will be presented in a separate session during ESM 2014. The main author will have three minutes for an oral presentation (no slides or PPT) and three minutes for discussion. The winner will be the most innovative, relevant and most convincingly presented proposal. The award recipient will receive US \$1,000.

## ESM 2014 Keynote Speakers

**Dava Newmann**, MIT, Dept. of Aeronautics and Astronautics and Engineering Systems, Boston MA, USA

**Marian Hannan**, Harvard Medical School and Institute for Aging Research at Hebrew SeniorLife, Boston MA, USA

**Georg Duda**, Julius Wolff Institut at Charité - Universitätsmedizin Berlin, Berlin, Germany

**Paolo Bonato**, Harvard Medical School and Motion Analysis Lab at Spaulding Rehabilitation Hospital, Boston MA, USA

## Networking Day, Friday, July 4<sup>th</sup>

The 4<sup>th</sup> of July is one of the most exciting of the US holidays. For those of you who are less familiar with the date, Independence Day commemorates America's signing of the Declaration of Independence on July 4, 1776, declaring independence from the Kingdom of Great Britain.

### Morning Event - Cambridge Area Tours

- Harvard Yard Walking Tour
- Cambridge Running Tour
- Longfellow House and Gardens

### Afternoon Event - Boston Red Sox Game

**Evening Event - Whale Watching Dinner Cruise** with Boston Pop Fireworks from the Boat!

## Concert by Henriette Gärtner



The Book of Records once referred to Henriette Gärtner as „the youngest concert pianist in the world“, after she attracted international attention at the International Musical Festival Lucerne as an eight-year-old. Meanwhile Henriette Gärtner enjoys excellent reputation on the international stage.

Today Henriette is also a PhD in biomechanics. In August 2013 Henriette published her dissertation as a book with the title sound, force and kinematics playing the piano.