Over 2700 abstracts will be presented at the 69th Annual Meeting of the American Physical Society’s Division of Fluid Dynamics (DFD) meeting in Portland, OR on November 20-22, 2016. The meeting is being hosted by Portland State University, University of Washington and Oregon State University. The meeting will be held at the Oregon Convention Center in Portland, Oregon.

Portland Waterfront

Portland and the Oregon Convention Center

Portland, Oregon’s largest city, sits on the Columbia and Willamette rivers, in the shadow of snow-capped Mount Hood. It is known for its parks, bridges and bicycle paths, as well as for its eco-friendliness, microbreweries and coffeehouses. Iconic Washington Park encompasses sites from the formal Japanese Garden to Oregon Zoo and its railway. The city hosts thriving art, theater and music scenes. For more information on Portland go to: http://www.travelportland.com/

The Oregon Convention Center (OCC) is the largest convention center in the Pacific Northwest, making it an ideal venue for conventions, industry tradeshows, meetings and banquets.

Hotel Accommodations

Book your reservation NOW! Hotels are filling up quickly. Discounted conference rates are available. For more information on hotel accommodations go to: http://www.travelportland.com/accommodations

The articles in this issue represent the views of the Division of Fluid Dynamics (DFD) publication committee and are not necessarily those of individual DFD members or the APS.
still available at the Hilton Portland & Executive Tower in downtown Portland through October 24, 2016.

Hilton Portland & Executive Tower
921 SW Sixth Avenue
Portland, OR 97204

The Hilton Portland & Executive Tower is in the heart of downtown Portland, approximately 1.7 miles from the Oregon Convention Center and easily accessible using the MAX Light Rail. Two complimentary MAX rail passes will be given per room for those staying at the hotel.

Rates:
$159 + Tax: Single/Double Occupancy Room
$175 + Tax: Triple/Quad Occupancy Room

You may make a reservation by going to our reservation website: https://aws.passkey.com/event/14720490/owner/3232/home

Or by contacting:

Travel Portland Housing Department
Hours: Monday – Friday from 8:30 am to 5:00 pm PST
Phone: 1-503-275-9295
Toll Free: 1-877-678-5263 x2
Email: housing@travelportland.com

Registration
Registration is now open!
http://apsdfd2016pdx.org/?page_id=32

<table>
<thead>
<tr>
<th>Registration Type</th>
<th>Received between 9/16 - 10/22</th>
<th>Received between 10/23 - 11/22</th>
</tr>
</thead>
<tbody>
<tr>
<td>Member</td>
<td>$540</td>
<td>$720</td>
</tr>
<tr>
<td>Reciprocal Society Member</td>
<td>$540</td>
<td>$720</td>
</tr>
<tr>
<td>Non-Member</td>
<td>$785</td>
<td>$865</td>
</tr>
<tr>
<td>Retired Member (with APS Senior Membership)</td>
<td>$280</td>
<td>$360</td>
</tr>
<tr>
<td>Graduate Student Member**</td>
<td>$275</td>
<td>$360</td>
</tr>
<tr>
<td>Undergraduate***</td>
<td>$100</td>
<td>$140</td>
</tr>
<tr>
<td>Additional Reception Ticket</td>
<td>$100</td>
<td>$100</td>
</tr>
</tbody>
</table>

**Graduate Students who are not APS Members must pay the nonmember rate unless joining at the time of registration. 1st year is free for first time members in the U.S., Canada, or Mexico. Includes (2) free Divisions or Topical Groups for all students.

***Undergraduate registrations do not include a ticket to the Sunday night reception. Reception tickets may be purchased for $100.

Key Dates
Registration Deadlines

Regular Registration Rate
Sept 17 – Oct 22, 2016

On-Site Registration Rate
Oct 23 – Nov 24, 2016

Cancellation Deadline
(no registration refunds past this date)
Nov 7, 2016

Hotel Reduced Rate Ends
Oct 24, 2016 or earlier if block sells out

Gallery of Fluid Motion (GFM)
GFM Poster and Video Submission: PAST
Video Submission Deadline: PAST
GFM Poster - Bring to meeting

Awards Program
Each year the APS Division of Fluid Dynamics presents the Fluid Dynamics Prize, the Francois N. Frenkiel Award, the Andreas Acrivos Dissertation Award and the Stanley Corrsin Award. The 2016 award winners are listed below and each awardee will give a lecture at the meeting.

2016 Fluid Dynamics Prize Recipient
Howard A. Stone, Princeton University
Seeking Simplicity in the Flows of Complex Fluids

The citation reads, "For seminal contributions to our understanding of low Reynolds number flows, microfluidics, interfacial phenomena and biological fluid dynamics, and for his inspirational contributions to teaching and communicating the beauty and power of Fluid Mechanics in Physics and Engineering."

2016 Stanley Corrsin Award Recipient
Ivan Marusic, University of Melbourne
High Reynolds Number Wall Turbulence

The citation reads, "For his seminal contributions to the understanding of turbulent wall-bounded flows through laboratory and atmospheric studies of long meandering structures, models of their effect on the wall stress, and extensions of the attached eddy hypothesis."
Focus Sessions
This year’s program includes three Focus Sessions on two topics. Each presentation is 13 minutes.
Instabilities at Soft Interfaces I
Instabilities at Soft Interfaces II
Disgust: The Fluid Dynamics of the Gross

Posters
The number of poster research contributions to the Annual DFD Meeting has been growing over the past few years with over 127 posters submitted this year of which 19 are entered into a Student Poster Competition.

Student posters will be judged and awarded 1st and 2nd Prize for “Best Poster” in the following categories: Category 1: Computational fluid dynamics, Category 2: Experimental fluid dynamics and Category 3: Microfluidics and interfacial fluid dynamics.

First and second place winners in each category will receive cash awards and certificates. Awardees will also be highlighted in the DFD Newsletter.

While the Technical Poster Session of the DFD Meeting is open to all participants, the Poster Competition will constitute a specific opportunity for graduate and undergraduate students to enhance their presentation skills and to build their professional network.

Gallery of Fluid Motion
The 34th Annual Gallery of Fluid Motion will be held as part of the meeting. The Gallery consists of posters or videos submitted by attendees illustrating the science - and very often also the beauty - of fluid motion. Both computational and experimental entries are encouraged. A panel will select outstanding poster and video entries based on artistic value, scientific content, and originality. The winning entries will be published as a special supplement to Physical Review Fluids. The top three winners in each category will be presented the Milton van Dyke Award consisting of a small monetary prize; a copy of the Album of Fluid Motion; and an award certificate. All posters and videos will be accessible on-line at http://gfm.aps.org.

Audiovisual Equipment
All rooms will be equipped with an LCD projector, screen, microphone, and pointer. Speakers must provide their own laptop computer to use with the projector. A Speaker Ready Room with technicians will be available to help attendees ensure that their presentations work smoothly with the LCD projection equipment. We suggest all presenters visit the Speaker Ready Room in advance of their presentation.
Future APS/DFD Meetings

2017: Denver, CO
Professor Jean Hertzberg, Meeting Chair
Professor Peter Hamlington, Meeting Co-Chair
University of Colorado, Boulder

2018: Atlanta, GA
Professor P.K. Yeung, Meeting Chair
Professor Donald Webster, Co-Chair
Georgia Institute of Technology

2019: Seattle, WA
Professor Alberto Aliseda, Meeting Chair
Professor Dana Dabiri, Meeting Co-Chair
University of Washington

2020: Chicago, IL
Professor Jon Freund, Meeting Chair
University of Illinois Urbana-Champaign

Newly Elected Executive Committee Members

The following are the newly elected members of the DFD Executive Committee. Their terms will begin immediately after the close of the 2016 APS DFD meeting.

Vice-Chair
Eckart Meiburg,
University of California,
Santa Barbara

Member at Large
Jeff Eldredge,
University of California,
Los Angeles

Member at Large
Kathy Prestridge,
Los Alamos National Laboratory

Exhibitor and Sponsorship Opportunities
Exhibits will be centrally located in Hall A of the Convention Center.

For more information on exhibits or sponsorship, please email Margaret McDonald at: margaret2@meetingsandmore.net

Conference Reception
This year the DFD Conference Reception will be held at the Oregon Convention Center. This is always a great way to catch up with others in the field and make new connections. There will be local Portland entertainment at the event which will surely captivate those that attend.

The reception is included in the registration fee for those who register as APS Members, Nonmembers, Graduate Students, and Retired Members. Undergraduate students and guests may purchase tickets for $100.

Meeting Chair
Raúl Bayoán Cal
Portland State University
Phone: (518) 421-8899
rcal@pdx.edu

Abstract Submissions
Donald Mewha
APS
(301) 209-3285
mewha@aps.org

Meeting Information
General Information
Peggy Holland
Meetings and More
Phone: (301) 641-4150
peggy@meetingsandmore.net

Monica Malouf
Meetings and More
Phone: (301) 526-8129
monica@meetingsandmore.net

Registration
Kathy Smith
Orchid Event Solutions
Phone: (801) 505-4104
katie@orchideventsolutions.com

Exhibiting and Sponsorship Information
Margaret McDonald
Meetings and More
Phone: (240) 355-5608
margaret2@meetingsandmore.net
EXECUTIVE COMMITTEE
Chair:
Elen Longmire (11/15 - 10/16)
Univ of Minn - Minneapolis
Chair-Elect:
Lance Collins (11/15 - 10/16)
Cornell Univ
Vice Chair:
Robert Moser (11/15 - 10/16)
Univ of Texas, Austin
Past Chair:
James Duncan (11/15 - 10/16)
Univ of Maryland-College Park
Councillor:
Ann Karagozian (01/15 - 12/18)
Univ of California - Los Angeles
Secretary/Treasurer:
Jonathan Freund (11/15 - 10/18)
Univ of Illinois - Urbana
Member-at-Large:
Paul Linden (11/13 - 10/16)
Univ of Cambridge
Member-at-Large:
Shelley Anna (01/15 - 12/17)
Carnegie Mellon Univ
Member-at-Large:
John Dabiri (01/15 - 12/17)
Stanford
Member-at-Large:
Anette Hosoi (11/15 - 10/18)
MIT
Member-at-Large:
Dotlof Lohse (11/15 - 10/18)
Univ of Twente

COMMITTEES
NOMINATING COMMITTEE
8 MEMBERS, STAGGERED 2-YEAR TERMS
Michael Schultz (12/16)
Chair
Kathy Prestridge (12/17)
Vice-Chair
David Hu (12/17)

EXTERNAL AFFAIRS COMMITTEE
8 MEMBERS, STAGGERED 3-YEAR TERMS
Chair
Ellen Longmire (11/15 - 10/16)
Univ of Minn - Minneapolis
Chair-Elect:
Lance Collins (11/15 - 10/16)
Cornell Univ
Vice Chair:
Robert Moser (11/15 - 10/16)
Univ of Texas, Austin
Past Chair:
James Duncan (11/15 - 10/16)
Univ of Maryland-College Park
Councillor:
Ann Karagozian (01/15 - 12/18)
Univ of California - Los Angeles
Secretary/Treasurer:
Jonathan Freund (11/15 - 10/18)
Univ of Illinois - Urbana
Member-at-Large:
Paul Linden (11/13 - 10/16)
Univ of Cambridge
Member-at-Large:
Shelley Anna (01/15 - 12/17)
Carnegie Mellon Univ
Member-at-Large:
John Dabiri (01/15 - 12/17)
Stanford
Member-at-Large:
Anette Hosoi (11/15 - 10/18)
MIT
Member-at-Large:
Dotlof Lohse (11/15 - 10/18)
Univ of Twente

COMMITTEE ON MEDIA & SCIENCE RELATIONS
6 MEMBERS, STAGGERED 2-YEAR TERMS
Andrew Belmonte (12/17)
Chair
Tadd Truscott (12/17)
Vice-Chair
Phil Marcus (12/16)
Nicole Sharp (12/16)
Pavlos Viachos (12/18)
Luciano Castillo (12/18)

COMMITTEE ON EDUCATIONAL & CAREER OUTREACH
6 MEMBERS, STAGGERED 2-YEAR TERMS
Carlos Hidrovo (12/16)
Chair
Aline Cotet (12/17)
Vice-Chair
Ebenzeer Gnanamanickam (12/17)
Nithalie Frient (12/17)
Shuhuai Yao (12/16)

DIVISION WEBSITE DEVELOPMENT OFFICER
Jeff Eldredge

GALLERY OF FLUID MOTION COORDINATOR
Ken Kiger

APS/DFD 2015-2016 Leadership

DFD members are invited to contact the DFD Leadership with suggestions and concerns.