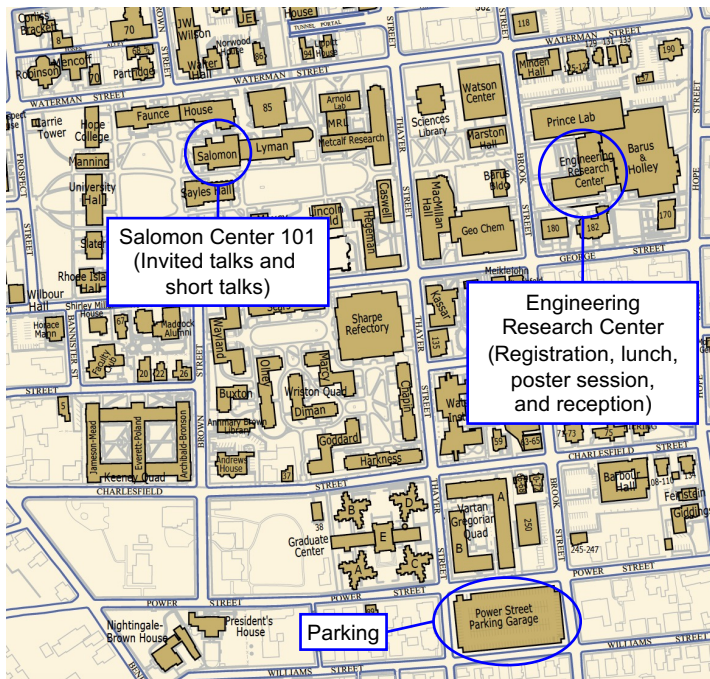


Venue



NEW.Mech 2018 at Brown

Welcome to the 9th Annual NEW.Mech!

A one-day workshop that aims to bring together the **New** England **Mechanics** community to share the latest advancements in the field with an interest in exploring new research directions in the mechanics of materials and structures.

Invited Speakers



Arun Shukla

Simon Ostrach Professor, University of Rhode Island

Talk Title: Recent experiments on dynamic instabilities in underwater structures



Katia Bertoldi

William and Ami Kuan Danoff Professor of Applied Mechanics, Harvard University

Talk Title: Soft robots: Where robotics meets mechanics



Yuri Bazilevs

E. Paul Sorensen Professor of Engineering, Brown University

Talk Title: Isogeometric methods for extreme-event simulation: Air blast fluid-structure interaction – methodology and applications

NEW.Mech 2018 is generously sponsored by

C.V. Starr Foundation Lectureship Fund
Brown University School of Engineering



BROWN
School of Engineering

Program

9:00-10:00

Registration and Breakfast

10:00-10:10

Opening Remarks

Arun Shukla

10:10-11:00

Recent experiments on dynamic instabilities in underwater structures

11:00-11:40

Short Talks Session A

11:40-1:10

Lunch and Poster Session

Katia Bertoldi

1:10-2:00

Soft robots: Where robotics meets mechanics

2:00-2:40

Short Talks Session B

2:40-3:20

Coffee Break

3:20-4:00

Short Talks Session C

Yuri Bazilevs

4:00-4:50

Isogeometric methods for extreme-event simulation: Air blast fluid-structure interaction – methodology and applications

4:50-5:00

Closing Remarks and Awards

5:00-7:00

Reception

A1

A2

A3

A4

A5

A6

A7

A8

A9

A10

A11

A12

A13

B1

B2

B3

B4

B5

B6

B7

B8

B9

B10

B11

B12

B13

C1

C2

C3

C4

C5

C5

C7

C8

C9

C10

C11

C12

C13

Short Talks Session A

David Melancon, Harvard

Lucia Stein-Montalvo, Boston University

Mrityunjay Kothari, Brown

Simos Gerasimidis, UMass Amherst

Emilio Lozano, Harvard

Chao Chen, UMass Amherst

Insun Yoon, Brown

Shabnam Raayai, MIT

Arshad Kudrolli, Clark

Emmanuel Viot, Harvard

Hongyan Yuan, URI

Wenqiang Fang, Brown

Jiawei Yang, Harvard

Short Talks Session B

Jun Li, UMass Dartmouth

Yoonho Kim, MIT

Andrew Gross, Harvard

Md Fazlay Rabbi, UMass Dartmouth

Mohammad Islam, RPI

Lifeng Wang, SUNY Stony Brook

Shengguang Jin, UNH

Michael Jandron, Brown

Mo Eydani, Boston University

Panos Pantidis, UMass Amherst

Max Monn, Brown

Jacob Merson, RPI

Bahador Marzban, URI

Short Talks Session C

Katharine Jensen, Williams

Weilin Deng, Brown

Wonho Jhe, Seoul National University

Aaron Baumgarten, MIT

Kareem Khirallah, Northeastern

Juner Zhu, MIT

Madhav Baral, UNH

Pinkesh Malhotra, Brown

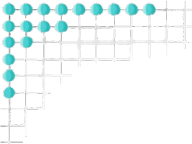
Carlos Javier, URI

Shyamal Kishore, URI

Shaghayegh Rezazadeh Kalehbasti, Brown

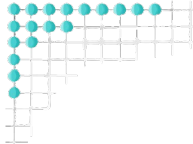
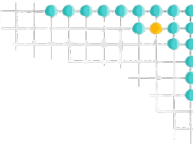
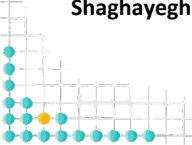
Konane Bay, UMass Amherst

Shikui Chen, SUNY Stony Brook



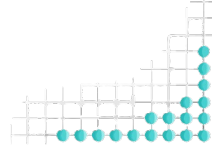
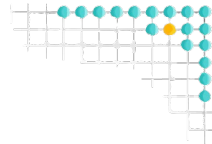
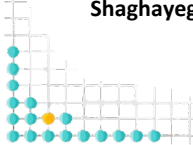
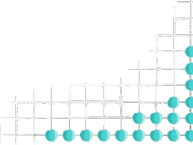
Poster Session

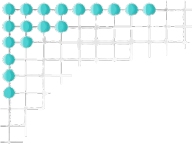
Carlos Duque	1	<i>UMass Amherst</i>
Mohammad Islam	2	<i>RPI</i>
Michael Jandron	3	<i>Brown</i>
Qian Ye	4	<i>SUNY Stony Brook</i>
Rojin Ghandriz	5	<i>UMass Dartmouth</i>
Long Jiang	6	<i>SUNY Stony Brook</i>
Bahador Marzban	7	<i>URI</i>
Jiawei Tian	8	<i>SUNY Stony Brook</i>
Xiaoqiang Xu	9	<i>SUNY Stony Brook</i>
Tingtao Zhou	10	<i>MIT</i>
Ahmed Elgailani	11	<i>Northeastern</i>
Seongmin Kim	12	<i>Harvard</i>
Shihong Li	13	<i>Brown</i>
Shashank Agarwal	14	<i>MIT</i>
Kareem Khirallah	15	<i>Northeastern</i>
Maytee Chantharayukhonthorn	16	<i>MIT</i>
Huilin Ye	17	<i>UConn</i>
Habibeh Ashouri Choshali	18	<i>WPI</i>
Zhiqiang Shen	19	<i>UConn</i>
Sabah Nobakhti	20	<i>Northeastern</i>
Anirban Pal	21	<i>RPI</i>
Christopher Salazar	22	<i>URI</i>
Sen Yang	23	<i>UMass Dartmouth</i>
Koray Senol	24	<i>URI</i>
Shaghayegh Rezazadeh Kalehbasti	25	<i>Brown</i>



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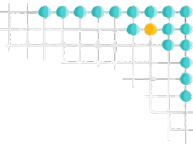
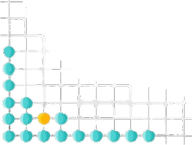


Poster Session (continued)

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Insun Yoon	27	<i>Brown</i>
Carlos Javier	28	<i>URI</i>
Pinkesh Malhotra	29	<i>Brown</i>
Konane Bay	30	<i>UMass Amherst</i>
Heather Reed	31	<i>Thornton Tomasetti</i>
John Farah	32	<i>OptiCOMP Networks</i>
Lucia Stein-Montalvo	33	<i>Boston University</i>
Kshitij Kumar Yadav	34	<i>UMass Amherst</i>
Matheus Fernandes	35	<i>Harvard</i>
Christopher Barney	36	<i>UMass Amherst</i>
Soroush Kamrava	37	<i>Northeastern</i>
Casey Ricks	38	<i>Boston University</i>
Keith Dusoe	39	<i>UMass Amherst</i>
Yoonho Kim	40	<i>MIT</i>
Wen Chen	41	<i>UMass Amherst</i>

Gallery of Mechanics

Christopher Barney	1	<i>UMass Amherst</i>
Yoonho Kim	2	<i>MIT</i>
Carlos Javier	3	<i>URI</i>
Shyamal Kishore	4	<i>URI</i>
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