

## Distinguished Colloquium Series in Interdisciplinary and Applied Mathematics

Applications have inspired the development of mathematical fields, while mathematics, driven by compelling ideas, has had important applications quite distant from the original context. This Colloquium Series highlights this dynamic exchange between mathematics and engineering, computation, the physical sciences, the biological sciences and the social sciences.

### Organizing Committee

[Q. Du](http://www.columbia.edu/~qd2125/) (<http://www.columbia.edu/~qd2125/>) (APAM), [D. Goldfarb](http://www.columbia.edu/~goldfarb/) (<http://www.columbia.edu/~goldfarb/>) (IEOR), [E. Grinspun](http://www.cs.columbia.edu/~eitan/) (<http://www.cs.columbia.edu/~eitan/>) (Computer Science & APAM), [I. Karatzas](http://www.math.columbia.edu/~ik/) (<http://www.math.columbia.edu/~ik/>) (Mathematics), [M.I. Weinstein](http://www.columbia.edu/~miw2103/) (<http://www.columbia.edu/~miw2103/>) (APAM & Mathematics)

This lecture series is made possible with the generous support of Columbia Engineering Dean Mary C. Boyce.

For information, please contact Professor M.I. Weinstein, [miw2103@columbia.edu](mailto:miw2103@columbia.edu) (<mailto:miw2103@columbia.edu>).

2013-2015 (<http://engineering.columbia.edu/iam-colloquium-past-seminars>)

2015-2016

THURSDAY, NOVEMBER 12

**[Eric Vanden-Eijnden](http://www.cims.nyu.edu/~eve2/)** (<http://www.cims.nyu.edu/~eve2/>)

Courant Institute, NYU

**"Modeling Reactive Events in Complex Systems"**

(<http://engineering.columbia.edu/files/engineering/vanden-poster.jpg>)

4:00 - 5:00 PM

750 CEPSR, Costa Engineering

**[Sundial Event](https://calendar.columbia.edu/sundial/webapi/get.php?vt=detail&id=80493&con=standalone&br=seas_events)** ([https://calendar.columbia.edu/sundial/webapi/get.php?vt=detail&id=80493&con=standalone&br=seas\\_events](https://calendar.columbia.edu/sundial/webapi/get.php?vt=detail&id=80493&con=standalone&br=seas_events))



THURSDAY, MARCH 31

**[Eitan Tadmor](http://www.cscamm.umd.edu/tadmor/)** (<http://www.cscamm.umd.edu/tadmor/>)

University of Maryland

**"Collective Dynamics: Consensus, the Emergence of Leaders and Social Hydrodynamics"**

(<http://engineering.columbia.edu/bios-and-abstracts#tadmor>)

3:30 - 4:30 p.m.

**[Davis Auditorium, CEPSR \(Shapiro Center\)](http://apam.columbia.edu/directions-davis-auditorium-cepsr)** (<http://apam.columbia.edu/directions-davis-auditorium-cepsr>)

**[Sundial Event](https://calendar.columbia.edu/sundial/webapi/get.php?vt=detail&id=80480&con=standalone&br=seas_events)** ([https://calendar.columbia.edu/sundial/webapi/get.php?vt=detail&id=80480&con=standalone&br=seas\\_events](https://calendar.columbia.edu/sundial/webapi/get.php?vt=detail&id=80480&con=standalone&br=seas_events))

