



## ENSAD

École nationale supérieure des Arts Décoratifs  
31 rue d'Ulm

## ESPCI

École Supérieure de Physique et de Chimie Industrielles  
10 rue Vauquelin

## Getting Here:

Nearest metro stations - line num. 7, stations: Censier - Daubenton /  
Place Monge; or RER B, station: Luxembourg.

## Organized by:

- Peter Fratzl (MPI of Colloids and Interfaces, Potsdam)
- Michael Friedman (Humboldt University, Berlin)
- Dominique Peysson (EnsAD, Paris)
- Benoît Roman (ESPCI, Paris)

# The Fold

20-21 September, Paris

École nationale supérieure des Arts  
Décoratifs / École Supérieure de  
Physique et de Chimie Industrielles

Please register in advance at [bwg.thefold@hu-berlin.de](mailto:bwg.thefold@hu-berlin.de)  
Visit <http://tinyurl.com/fold2016> for more details



## 20th September

Venue: **EnsAD, 31 rue d'Ulm (Amphithéâtre RODIN)**

08:20-08:50 Registration / Coffee

**Opening Talk** |  Dominique Peysson

08:50-09:45 Catherine Malabou: Bending, Breaking, Resisting

**1st session: Morphogenesis & Self Folding** |  Michael Friedman

09:45-10:30 Angelika Seppi: Onto-logical remarks on the double life of the fold

10:30-11:15 Arezki Boudaoud: Unfolding morphogenesis in plants

11:15-11:30 Coffee break

 Benoît Roman

11:30-12:15 Martine Ben Amar: Folding and creases in living tissues - how nonlinear elasticity can foster embryogenesis

12:15-12:40 Lorenzo Guidicci: Self-morphing of planar lattices triggered by distributed beams' expansion

12:40-13:00 Olivier Goulet: From skinfolds to gestural unfolding as an adaption strategy. Performance

13:00-14:00 Lunch

**2nd session: Folding and Function** |  Karin Krauthausen

14:00-14:45 Rivka Elbaum: Hygroscopic movement in plant seed dispersal

14:45-15:30 Stéphane Douady: Folding and unfolding of leaves - an example of how shape is movement

15:30-16:00 Coffee break

**3rd session: Interventions on Folding** |  Aurélie Mossé

16:00-16:20 Perrine Marthelot, Joel Marthelot: Folds and forms in physics and philosophy - constrained buckling of shells

16:20-16:40 Tatjana Petzer, Martin Tremel: In Motion - Biomorphism in Warburg's theory and in current fabric

16:40-17:00 Discussion

 André Estevez-Torres

17:00-17:20 Oksana Manyuhina: Elastic instabilities in a layered cerebral cortex - wrinkling, folding, branching

17:20-17:40 Sonia Dheur, Sven J. Saupé: Prion proteins - the difference in the fold

17:40-18:10 Discussion

19:00-21:00 Poster Session & Dinner

**EnsAD, 31 rue d'Ulm (Atelier de sérigraphie)**

21:00-23:00 Digestif

## 21st September

Venue: **ESPCI, 10 rue Vauquelin**

**1st Session: Between Structuralism and Materialism**

 Dominique Peysson

09:00-09:45 Samo Tomšič: Baroque Structuralism - Between Lacan and Deleuze

09:45-10:30 Vincent Bontems: Biological Individuation and Physical Information - the fractal folds of morphogenesis

10:30-10:45 Coffee break

**2nd Session: Towards a New Materialism** |  Peter Fratzl

10:45-11:30 Patricia Ribault: From Matter to Form - Material Imagination as Grafting

11:30-12:15 James C. Weaver: Some Thoughts on the Origins of Morphological Complexity and Diversity in Biological Systems

12:15-12:30 Coffee break

**Closing session** |  Peter Fratzl

12:30-13:00 Wolfgang Schäffner: Coded Folding

13:00-13:30 Concluding Remarks