

# Fisica all' Exploratorium: Scienza, Arte e Percezione

9 Ottobre, 2014

Tom Rockwell, Director Exhibit & Media Studio

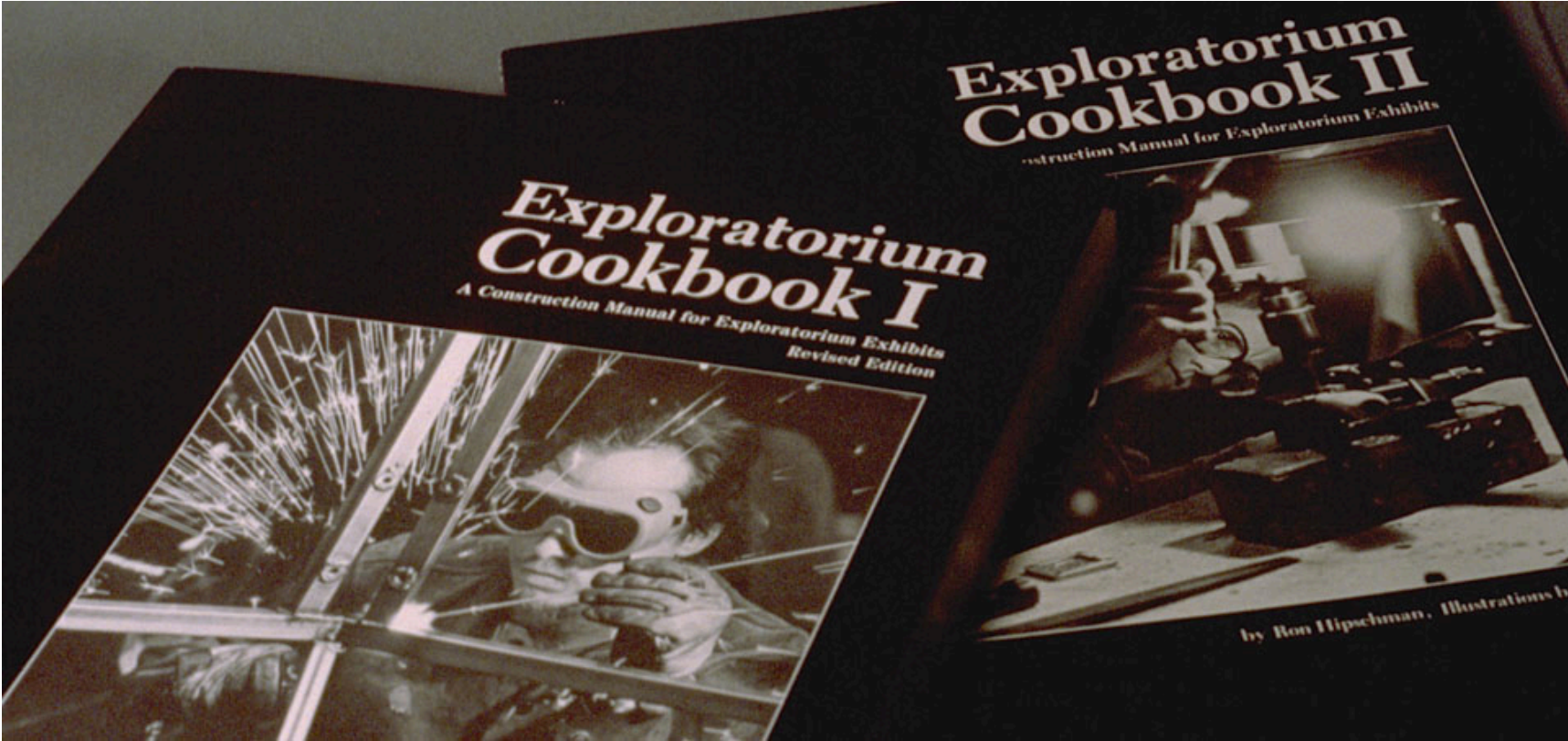












# Exploratorium Cookbook II

Construction Manual for Exploratorium Exhibits

# Exploratorium Cookbook I

A Construction Manual for Exploratorium Exhibits  
Revised Edition

by Ron Hipschman, Illustrations by









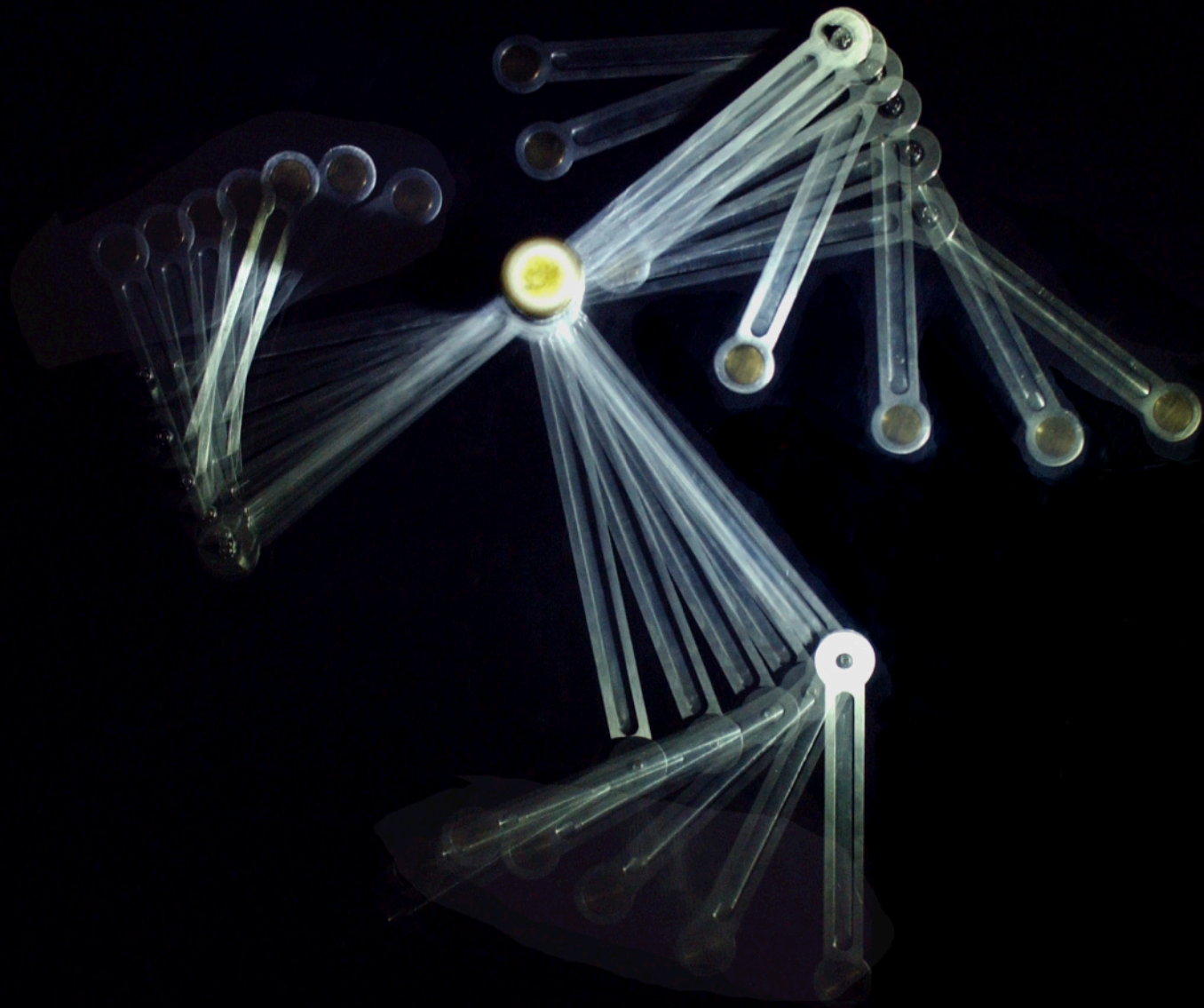


# **Fenomeni Dinamici**

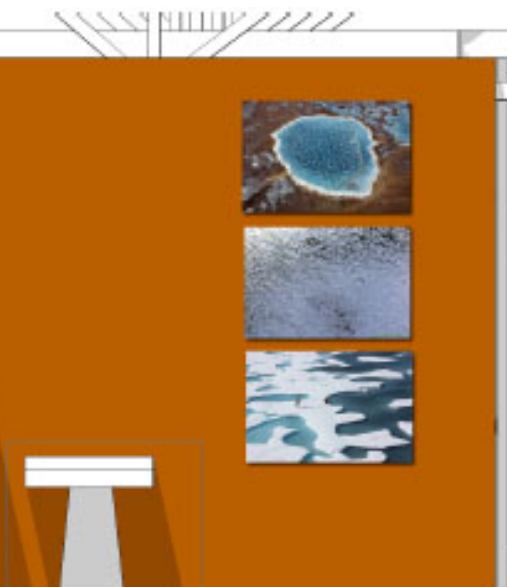




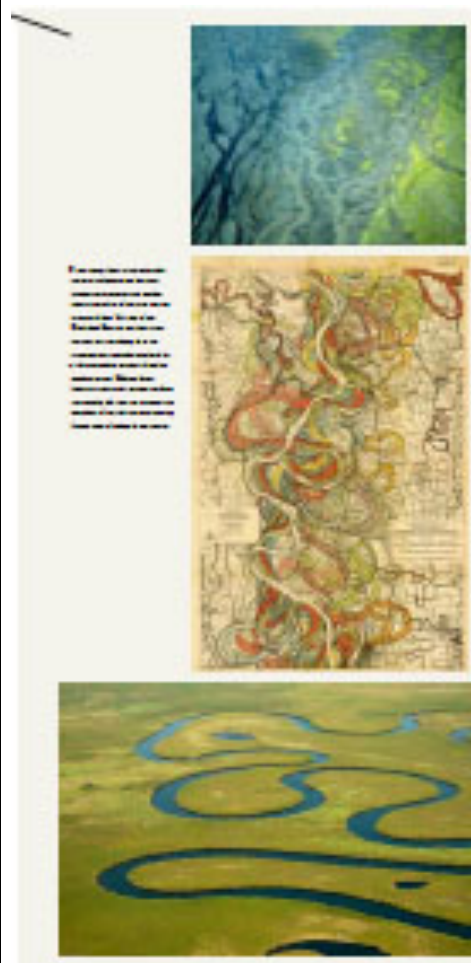








WATCH WATER FREEZE



# Fenomeni Ottici







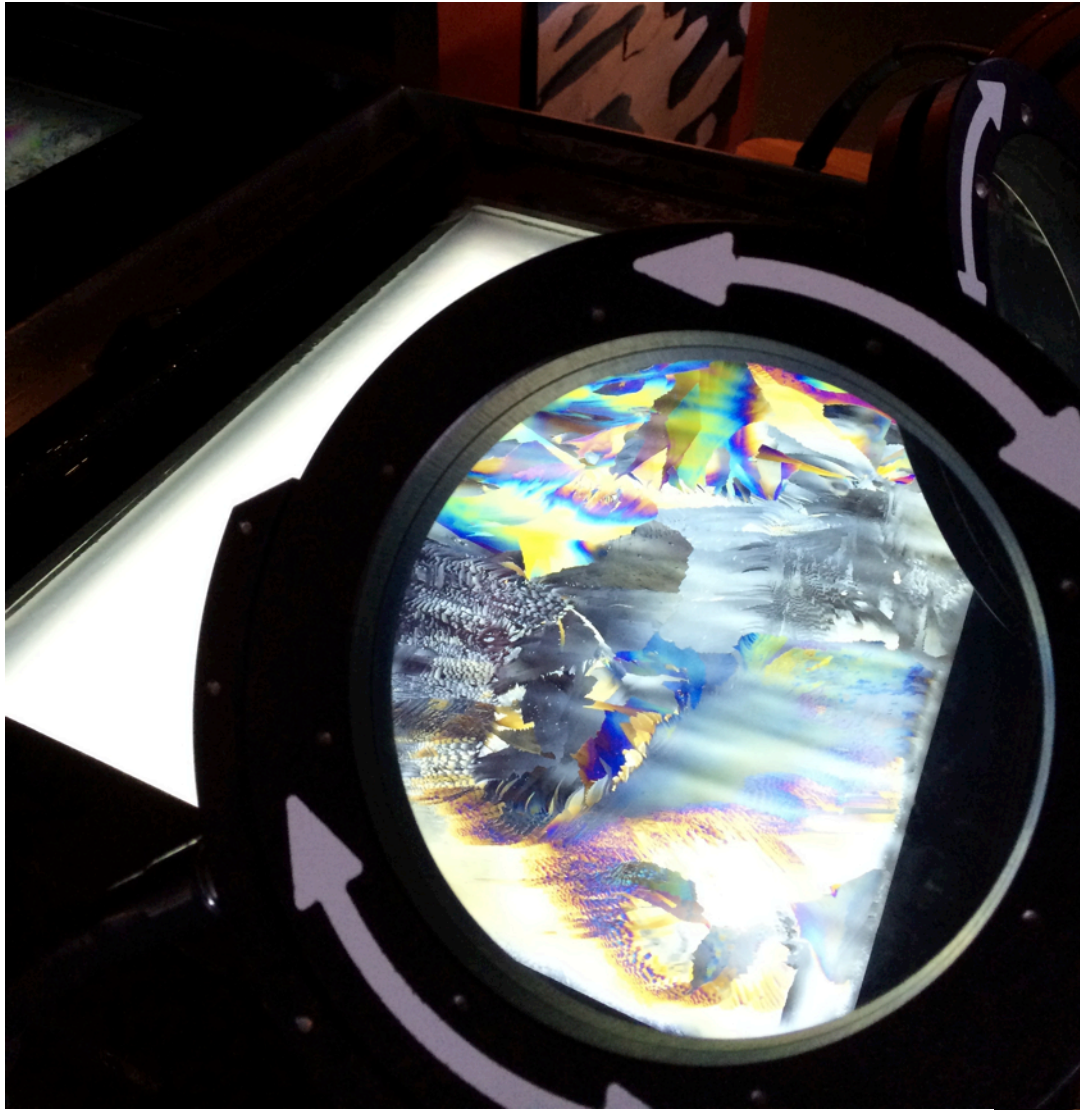














# Fenomeni Atmosferici e dell' Ambiente











# **Fenomeni di Fisica Moderna**



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Explore the extraordinary places, people, tools, and ideas behind the search for the origins of matter, the universe, and life itself.

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For media questions contact us at  
[media@exploratorium.edu](mailto:media@exploratorium.edu) or by phone:

**Jenny Slafkosky**

(415) 528-4367

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# Higgs: The Theory, The Discovery, and The Fate of The Universe

*Lecture by Maria Spiropulu, Ph.D. (CERN) and JoAnne Hewett, Ph.D. (SLAC) at the Exploratorium  
June 27, 2013*



Spiropulu



Hewett

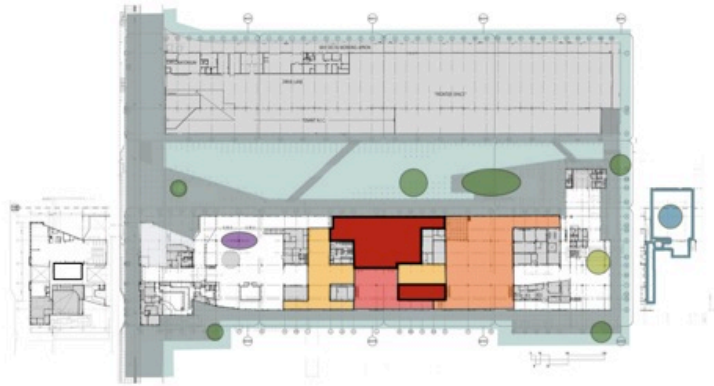
2012 was a big year in high energy physics. At the European Organization for Nuclear Research (CERN) scientists presented findings for the long sought after Higgs particle to the entire physics community, and these 2012 findings were further confirmed with new data in March 2013. The discovery of the Higgs boson could be considered one of the greatest collaborative achievements of in history.

On June 27, 2013, two physicists, [Maria Spiropulu, Ph.D.](#), an experimental physicist from CERN, and [JoAnne Hewett, Ph.D.](#), a theoretical physicist from SLAC National Accelerator Laboratory, will offer a discussion at the Exploratorium about the prodigious and startling theoretical leaps and the epic experimental program that produced this monumental discovery.

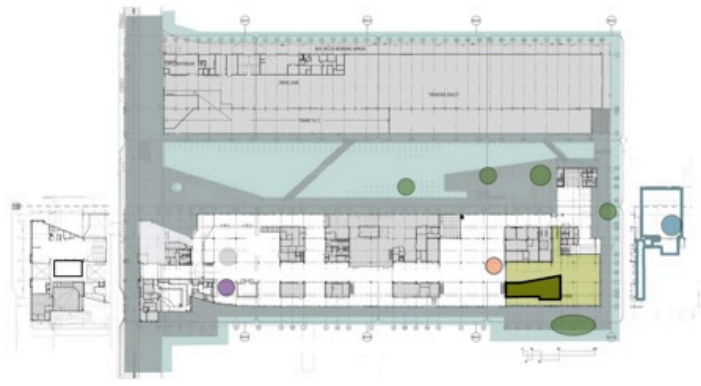
Part of the Exploratorium's adults-only Thursday evening hours, the 7:30pm lecture is included with museum admission, and will have limited seating. In the discussion Spiropulu and Hewett will also explore the implications of what they found for future directions in physics. Beyond shedding light on the way elementary particles acquire mass, understanding the Higgs mechanism will likely push the frontiers of fundamental science towards a greater understanding of our Universe.



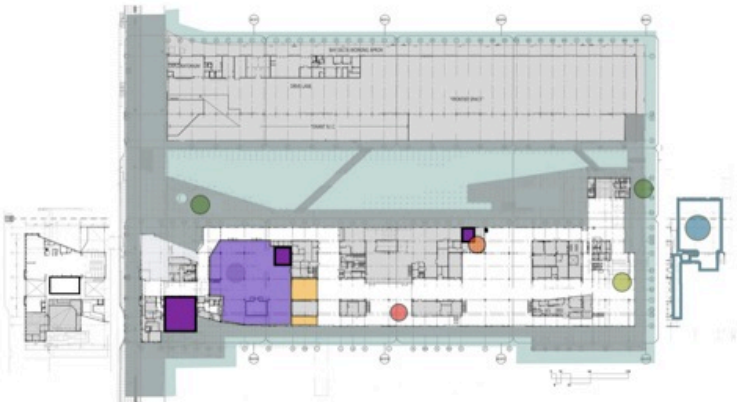
**In Conclusione**



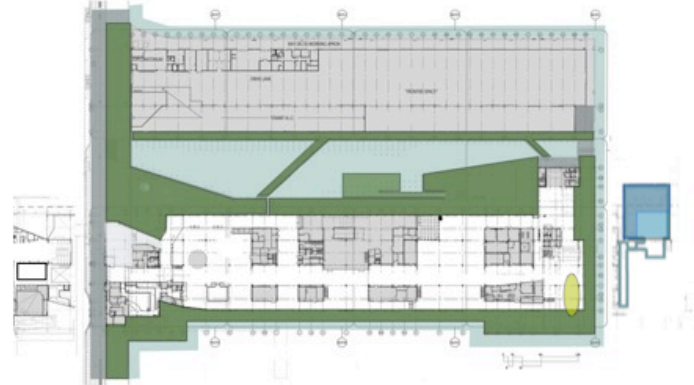
Physics and Perception



Living Systems



Human Phenomena



Place & Environment







