

Saturday , July 22: "Science at the Market: 8:00 am to 12:00 pm /
Market at the Square, Lincoln Square, Urbana, IL

Visitors: Xiao-Tian Zhang, Peking University, China (Hughes); 3133 ESB May
– October 2017

Professor Claudio Chamon, Boston University, (Fradkin); ESB 2129
July 17-20,

Science at the Market: The University of Illinois Department Entomology – The Moth Week

Date: Saturday, July 22

Time/Location: 8:00 am to 12:00 pm / Market at the Square, Lincoln
Square, Urbana, IL

Abstract: For the 8th year, the U of I is bringing "Science at the
Market" on most Saturday mornings to the Farmers Market at Lincoln
Square mall in Urbana. The U of I and other experts will be on hand
with demonstrations illustrating the science they represent, and to
answer questions from the public about the researchers' discipline.

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SHELDON60: Enumerative Geometry, Mirror Symmetry, and Physics

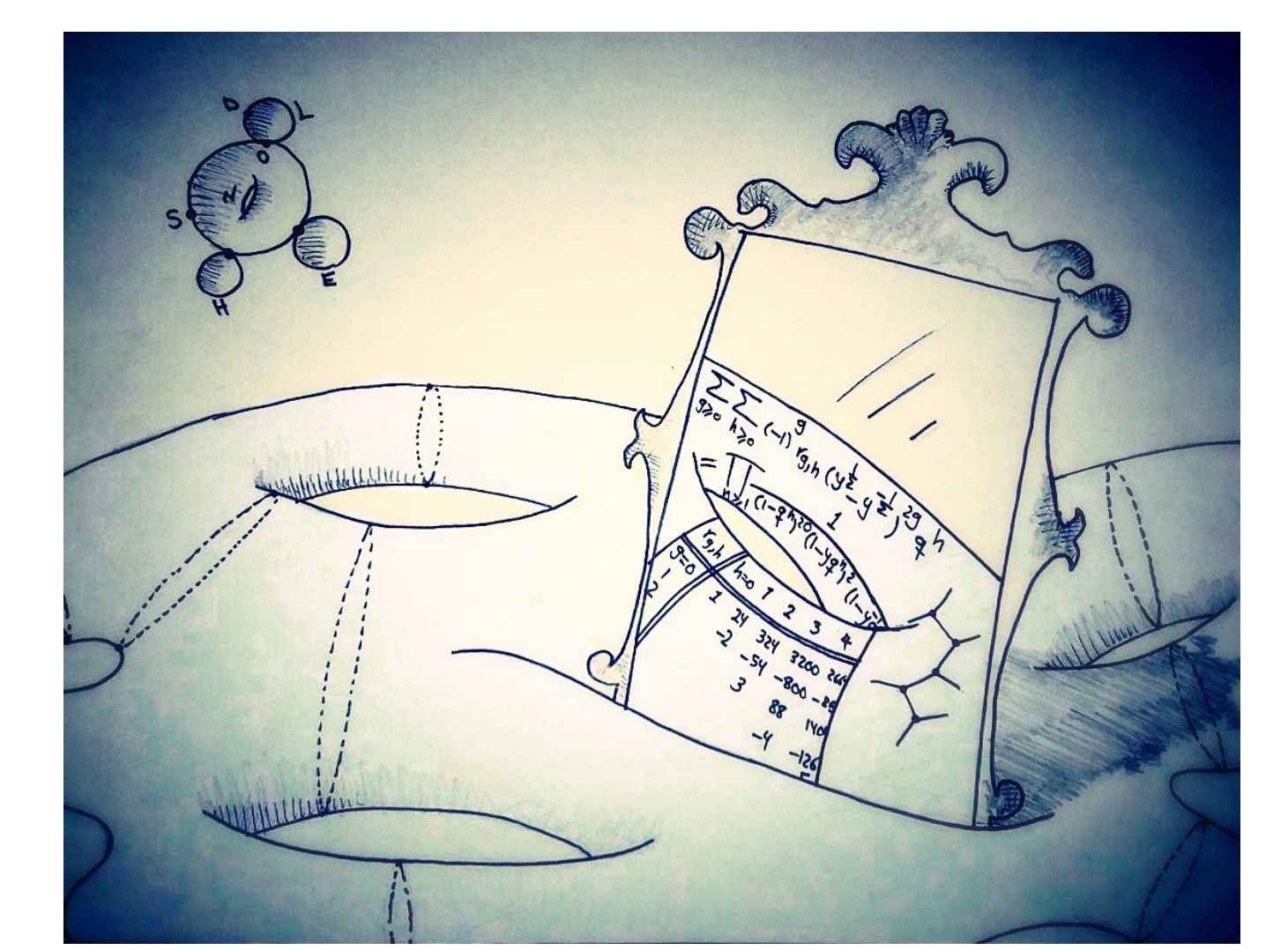
SHELDON60: EGMSP - The conference week presents an opportunity to honor the contributions of Sheldon Katz, who recently turned 60. In particular there will be an event on July 19 at Krannert Art Museum to celebrate Sheldon. More details to follow.

Organizers:
Ron Donagi (Penn)
Albrecht Klemm (Bonn)
Tom Nevins (UIUC)
Artan Sheshmani (QGM Aarhus/CMSA Harvard)

To see the list of invited speakers, please visit

<http://www.math.uiuc.edu/~nevins/EGMSP.html#sheldon60>

Questions, please email egmsp2017@illinois.edu



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Job Opportunity

Junior Research Chairs at the Department of Physics, ENS (Ecole normale supérieure), Paris

Closing date: **October 30, 2017**

Expected interview dates: December 6-7-8, 2017

The Department of Physics at ENS Paris invites applications for **three JRC (Junior Research Chairs)** at postdoctoral level. Appointments will be for two years with a probable one-year extension. The Department aims at recruiting outstanding candidates with international experience. Research activities can be experimental and/or theoretical; although, **this year, the department aims at hiring a Junior Research Chair in theoretical cosmology. For the two other positions, the program actively encourages experimental projects through a reserved budget.**

Research themes should correspond to one of the following ones:

- Quantum physics: from atoms to condensed matter
- Biophysics: from the cell to the organism
- Non-linear physics: from the laboratory to the cosmos
- Statistical and theoretical physics

Some participation in teaching within ENS-ICFP (International Centre for Fundamental Physics and its Interfaces) Master program is part of the duties

<http://www.phys.ens.fr/spip.php?rubrique284&lang=en> In addition to an internationally competitive salary, ENS-ICFP provides an attractive travel allowance and research funds for experimentalists (150 000 euros). The successful candidates are fully integrated into the Department of Physics and its constituent research laboratories.

For more detailed information regarding the research undertaken at the Department of Physics, please consult our website <http://www.phys.ens.fr/spip.php?rubrique258&lang=en> The positions are funded by the 10-year ENS-ICFP grant, obtained through the French National Excellence initiative.

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**INTERNATIONAL
INSTITUTE OF
PHYSICS**
Federal University of Rio Grande do Norte

The IIP-UFRN will host from September 10 to 30 the workshop “Finite Systems in Nonequilibrium: From Quantum Quench to the Formation of Strong Correlations”, gathering speakers from various institutions worldwide in Natal (Brazil).

This interdisciplinary workshop will provide the possibility for presenting and exchanging progress in the description of nonequilibrium phenomena in finite systems. The event is a great opportunity for leading experimentalist and theorists working in this area to present their latest findings and exchange ideas. The main emphasis of the workshop is on the behavior of strongly correlated systems in non-equilibrium situations.

More about the program, list of speakers and fees are available at www.iip.ufrn.br/events. Interested ones can contact the IIP-UFRN events department at events@iip.ufrn.br.

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ARNOLD SOMMERFELD SCHOOL
**NUMERICAL METHODS FOR
CORRELATED MANY-BODY SYSTEMS**

Munich, September 11 - 15, 2017



LMU

Lecturers:

Corboz (Amsterdam)
Parcollet (Saclay)
Pollet (LMU)
Schollwöck (LMU)
Schuch (MPQ)
Weichselbaum (LMU)
White (UC Irvine)

Apply before August 15 at
www.physik.lmu.de/numerical

ARNOLD SOMMERFELD
CENTER FOR THEORETICAL PHYSICS

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Job Opportunity

CORNELL UNIVERSITY PRESIDENTIAL POSTDOCTORAL FELLOWS are high-profile postdoctoral research positions with significant independence and resources to attract some of the world’s best young scholars to interact deeply with faculty and students on Cornell’s Ithaca-based campuses. Candidates from all areas of research and inquiry, who will be no more than two years past the award date of their doctoral degree at the time of the appointment, are eligible for this program. Successful candidates will have access to the full range of talent and considerable resources available at Cornell, and will be encouraged to interact broadly with the Cornell intellectual community, in addition to their postdoctoral research with a tenured faculty member (sponsor) and their research group. Cornell Presidential Postdoctoral Fellows will also receive lifetime membership in the Society of Cornell Fellows along with the participants in other named prestigious and competitively awarded Cornell postdoctoral fellowships. Six Presidential Fellowships will be awarded each year beginning in the 2017-2018 academic year. Appointments will be for up to three years, dependent on positive annual evaluations and may include a teaching component where appropriate of no more than 25% averaged over the length of the appointment. Interested individuals can contact any tenured Cornell faculty member(s), i.e. associate or full professor, who, if agreeable to serve as the lead sponsor(s), will endorse and submit the candidate’s application. A tenure track assistant professor may serve as a secondary sponsor. Applications will be judged on the qualifications of the candidate, and the quality and originality of the proposed research and its potential impact.

APPLICATION PROCEDURE

Interested individuals can contact any tenured Cornell faculty member(s) who, if agreeable to serve as the sponsor(s), will endorse and submit the candidate’s application.

APPLICATION MATERIALS

1. Candidate CV, including publication list.
2. One-two page description of proposed research that should include a clear statement of objectives and of the significance and expected impact of the proposed research if successful.
3. Two Letters of Recommendation, including one from the candidate’s PhD thesis advisor, to be sent directly to the lead faculty sponsor that provide detailed assessments of the candidate’s qualifications and potential for innovative, ground-breaking independent research.
4. Additional letter(s) of support from Cornell lead (and secondary if applicable) faculty sponsor(s) including a brief statement of any financial and logistical support of the proposed research that will be provided by the sponsor(s).

The lead faculty sponsor(s) should forward all materials as a single file (pdf format required) to:

pres.pdfellows@cornell.edu

Deadline for all materials: October 1, 2017