



GREATER IPAC TECHNOLOGY SYMPOSIUM

GRITS

8:00 Free Grits & Fixings

8:30 Welcome and Introductions - Tom Handley

Session #1 - Rick Ebert & Steve Schurr

8:40 Robert Hurt From the Sky to the Cloud: The Technologies Behind a Pretty Picture

9:05 Casey Rosenthal Working with Astronomy Visualization Metadata (AVM) Data

9:30 Claude Felizardo Orbeon Forms - an XML Pipeline and Form Processing Engine

9:45 Elena Scire New SSC Website: Lessons Learned

10:00 Trey Roby Hydra: the Core for a Configurable Web Interface

10:25 Break

Session #2 - Jacob Llamas & Xiuqin Wu

10:45 Michele Vallisneri Natural Programming in Python for Scientific Applications: the Case of the Mock LISA Data Challenges

11:10 James Bauer
John Dailey WMOPS - Clean Detections of Newly Discovered Solar System Objects by WISE

11:25 Kevin Yau MOST - Moving Object Search Tool for NEOWISE and IRSA

11:40 Scott Terek
Ramon Rey Ingesting and Serving WISE Data in IRSA

11:55 Steve Lord IPAC's Spectral Deconvolution Tool - Unfolding Spectra for Herschel/HIFI, CSO, ALMA, SOFIA

12:10 Lijun Zhang SpireMask Editor: A GUI Tool for SPIRE Data Reduction

12:25 Announcements

12:30 Lunch

Session #3 - Bruce Berriman & Tom Handley

13:30 Matt Berbee
John Onderdonk Energy-Conservation and Greenhouse Gas Mitigation at Caltech

13:55 Carl Smay IPAC Datacenter Power and Cooling Resource Management

14:10 Steven Lo IPAC's Future Network - Exploring Possibilities

14:25 Ted Kisner Trends in High Performance Computing and their Impact on Astrophysical Data Processing

14:50 Matthew Graham What is Cloud Computing and How Can Scientists Use It?

15:05 Gideon Juve Scientific Workflows and Cloud Computing

15:30 Break

Session #4 - Elena Scire & Helene Seibly

15:45 Marcy Harbut Making Help Helpful: Tips for Effective Documentation

16:10 Bruce Berriman The Keck Observatory Archive

16:25 John Good VAO Inventory Service

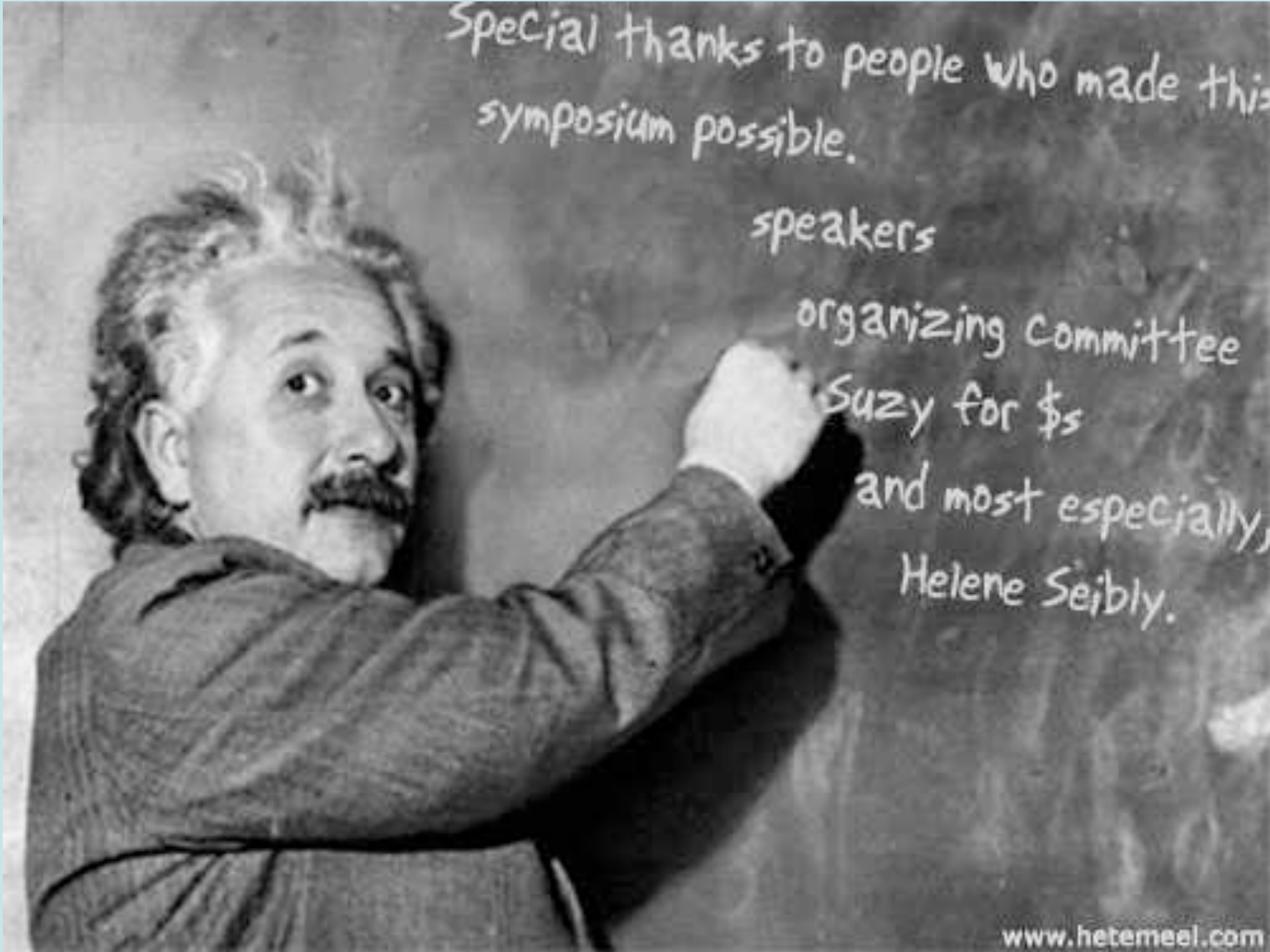
16:40 Moira Regelson The NStED Periodogram Service

16:55 Wrap-up - Acknowledgements

17:00 END



Welcome to GRITS!
Time to have lots of
fun! Get those
E-tickets out!



Special thanks to people who made this
symposium possible.

speakers

organizing committee

Suzy for \$s

and most especially,

Helene Seibly.



- Robert Hurt**
- Casey Rosenthal**
- Claude Felizardo**
- Elena Scire**
- Trey Roby**
- Michele Vallisneri**
- James Bauer &
John Dailey**
- Kevin Yau**
- Scott Terek &
Ramon Rey**
- Steve Lord**
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John Onderdonk**
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- Steven Lo**
- Ted Kisner**
- Matthew Graham**
- Gideon Juve**
- Marcy Harbut**
- Bruce Berriman**
- John Good**
- Moira Regelson**

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Let's Get
This
Party
Started



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