

FORUM ON SOLAR VARIABILITY AND CLIMATE CHANGE

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Friday, March 28 and Saturday, March 29, 2008

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Conveners: Sabatino Sofia and Karl K. Turekian
Yale University

Paul Charbonneau, Université de Montréal
Semi-empirical Model for the Total Solar Irradiance
http://www.yale.edu/yibs/Solar_Variability_Program/Charbonneau.ppt

Sabatino Sofia, Yale University
TSI Variability Produced by Structural Changes of the Solar Interior
http://www.yale.edu/yibs/Solar_Variability_Program/Sofia-Forum-2008.ppt

Claus Frohlich, PMOD/World Radiation Center
*Solar Irradiance Variability During the Last
Three Solar Cycles: Observations and Mechanisms*
(please e-mail cfrohlich@pmodwrc.ch for this program information)

Sarbani Basu, Yale University
Helioseismic Evidence of Changes Inside the Sun
http://www.yale.edu/yibs/Solar_Variability_Program/climate_forum_basu.ppt

Juerg Beer, Eawag, Aquatic Research
Long-term Solar Variability and Evidence for Solar Forcing from Paleoclimatic Records
http://www.yale.edu/yibs/Solar_Variability_Program/Yale_Forum_Beer.ppt_media/Yale_Forum_Beer.ppt

Gerard Thuillier, Service d'Aeronomie-CNRS
The PICARD Mission
http://www.yale.edu/yibs/Solar_Variability_Program/PICARD_Yale_27-03-08_V5.ppt

Michael Schlesinger, University of Illinois
The Solar Contribution to the Observed Global Warming from 1856 to 2007
http://www.yale.edu/yibs/Solar_Variability_Program/Schlesinger.ppt

Gabi Hegerl, University of Edinburgh
Estimating the Solar Contribution to Surface Temperature Changes Over the Last Few Centuries: Was It the Sun, Greenhouse Gasses, or Volcanoes?
http://www.yale.edu/yibs/Solar_Variability_Program/solar_yale_hegerl.ppt

Drew Shindell, NASA GISS
Effects of Solar Variability on Regional Climate: Models and Observation
http://www.yale.edu/yibs/Solar_Variability_Program/2008_Yale_solar_Shindell.pdf

Stuart Jordan, Goddard Space Flight Center, NASA
Does the Sun Play a Significant Role in Terrestrial Climate Change?
http://www.yale.edu/yibs/Solar_Variability_Program/Jordan.doc

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