

ISWI/ILWS/SCOSTEP International CCMC Opportunities

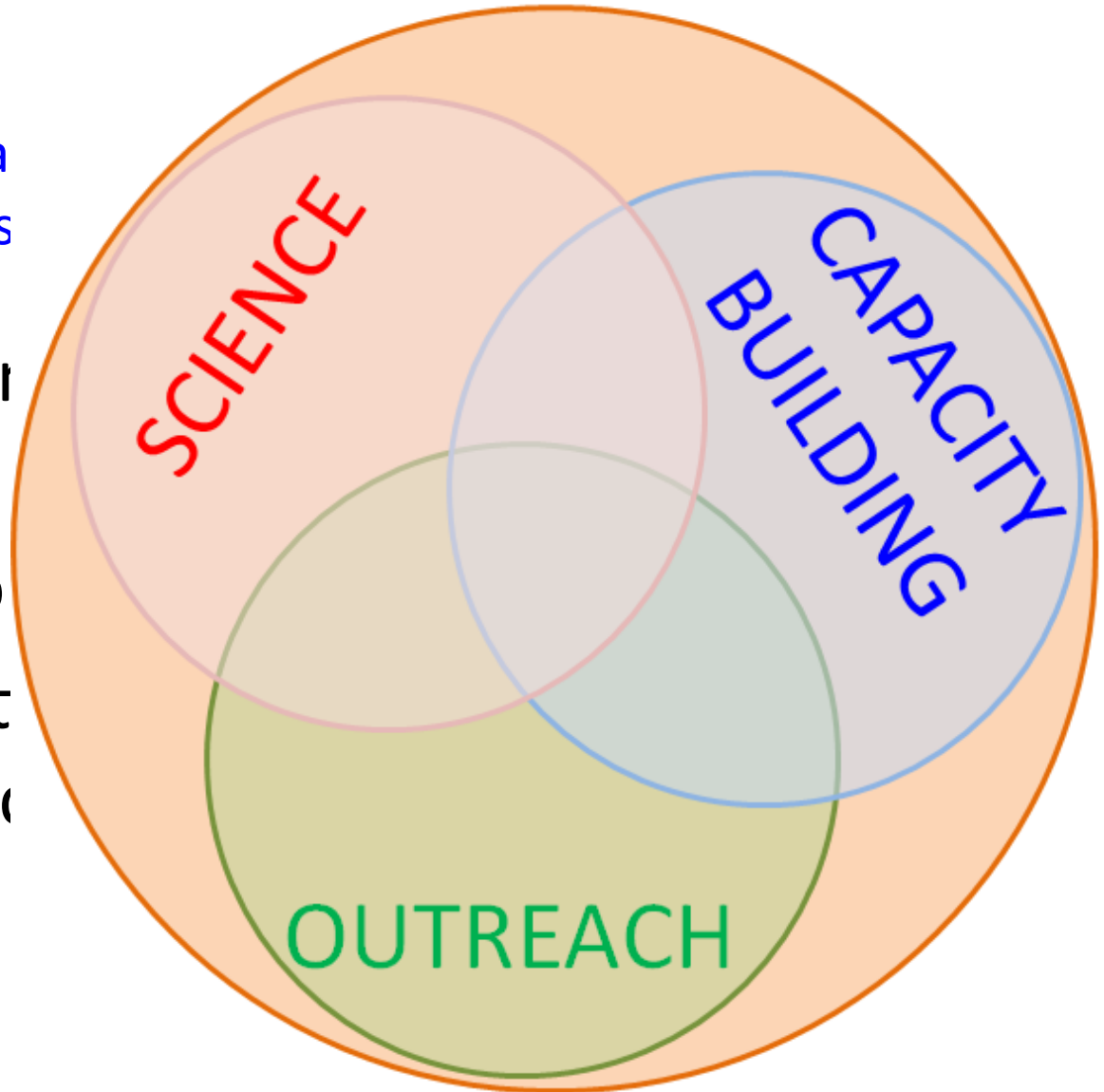
Nat Gopalswamy
Solar Physics Laboratory
NASA Goddard Space Flight Center
Greenbelt, Maryland

The 7th CCMC Community Workshop, Annapolis, MD, April 4, 2014

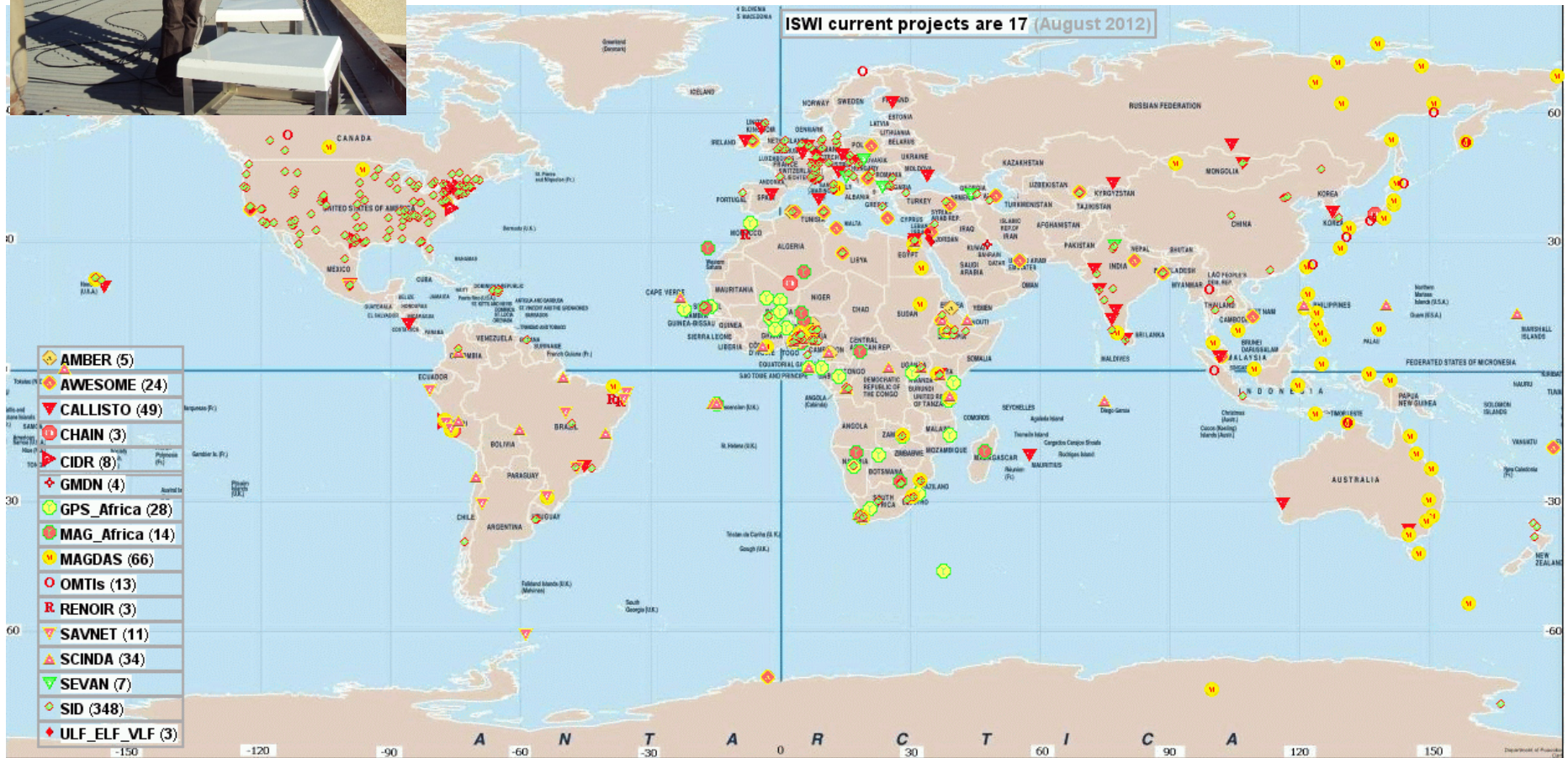
ISWI, ILWS. & SCOSTEP

International Orga
complementary as

- ISWI: Internation
(ground)
- ILWS: Internatio
- SCOSTEP: Scient
Terrestrial Physic
projects)



IHY/ISWI Instrument Sites



Scientists from developing and developed nations work together
 Students and faculty participate at all levels of the instrument project and science
 Data gaps closed due to deployment in crucial locations
 Heavy focus on Africa, with added schools and workshops

Variability of the Sun and Its Terrestrial Impact

varsiti.org
2014-2018



Co-chairs:
Katya Georgieva
Kazuo Shiokawa

SO  **STEP**

Scientific Committee on Solar-Terrestrial Physics

<http://www.youtube.com/watch?v=couR4Myx>

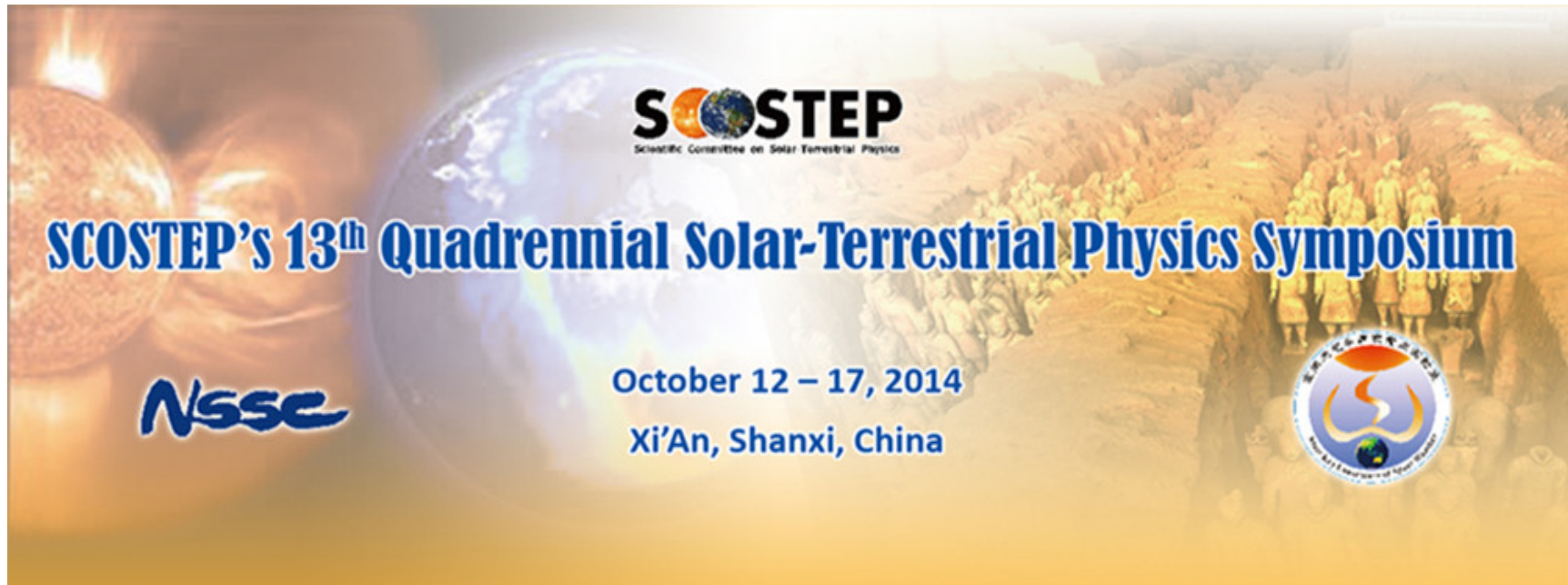
Four Elements of VarSITI

- Solar Evolution and Extrema (**SEE**)
- International Study of Earth-Affecting Solar Transients (**ISEST**)/MiniMax24
- Specification and Prediction of the Coupled Inner-Magnetospheric Environment (**SPeCIMEN**)
- Role Of the Sun and the Middle atmosphere/thermosphere/ionosphere In Climate (**ROSMIC**)

CCMC Synergy

- Models already used for ISWI/SCOSTEP investigations
- CCMC education packages can be reengineered to be introduced in Space Science Schools
- CCMC staff as lecturers in Space Science Schools and ISWI workshops
- ISWI data are available for CCMC use (e.g. CALLISTO on type II bursts)

First VarSITI Results at STP13



<http://stp13.csp.escience.cn/dct/page/1>

All are welcome!