For thousands of years people have wondered, “Are we Alone?” With over 300 planets discovered to orbit nearby stars, the existence of “exoplanets” is firmly established. Astronomers are now able to routinely measure planetary sizes, masses, and atmospheres for a subset of hot, big exoplanets. The race to find “habitable” exoplanets is on with the realization that big Earths orbiting small stars can be both discovered and characterized with existing technology. Professor Seager will present highlights of recent exoplanet discoveries and discuss when we might find another Earth and what kinds of signs of life we are looking for.

Dr. Sara Seager
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

DR. HARRY LYMAN HOOKER DISTINGUISHED VISITING PROFESSOR

WHEN
8:00 P.M.
THURSDAY
MARCH 26
2009

WHERE
ROOM 1305/1307
MICHAEL DEGROOTE CENTRE FOR LEARNING AND DISCOVERY (MDCL)
MCMASTER UNIVERSITY
HAMILTON, ONTARIO

The Origins Institute at McMaster University creates and fosters transdisciplinary research on origins themes across a broad range of fundamental science. It also sponsors a public outreach and lectures program, as well as an undergraduate curriculum, the Origins Research Specialization.

origins.mcmaster.ca

McMASTER UNIVERSITY • HAMILTON, ONTARIO, CANADA