TENURE-TRACK FACULTY POSITIONS IN PHYSICS
AT SYRACUSE UNIVERSITY

GRAVITATIONAL WAVE PHYSICS, OBSERVATIONAL COSMOLOGY, AND
THEORETICAL COSMOLOGY

As part of a significant growth in this area, building on our established strengths in gravitational
wave physics and theoretical cosmology, we invite applications for assistant professorships in
experimental or observational cosmology, in theoretical gravity/cosmology, and in experimental
gravitational wave physics. Candidates for the gravitational wave positions may be specialists in
data analysis or in hardware development. Strong applicants from all areas of observational and
theoretical cosmology will be considered, particularly those with connections to ongoing efforts
in the department. The gravitational wave effort at Syracuse is headed by Prof. Peter Saulson,
Spokesperson for the LIGO Scientific Collaboration. The theoretical cosmology group consists
of Professors Mark Trodden, Cristian Armendariz-Picon, and Kaustubh Agashe. Successful
candidates will join an energetic and growing group focused on multi-messenger cosmology.

EXPERIMENTAL SOFT CONDENSED MATTER AND MATERIALS PHYSICS

We invite applications for tenure-track faculty positions in experimental soft condensed matter
and materials physics, as part of an anticipated significant expansion in this area. Exceptional
senior candidates will also be considered. The department currently has a strong group of faculty
— Professors Mark Bowick, Kenneth Foster, Edward Lipson, Cristina Marchetti, Alan
Middleton, Liviu Movileanu, Britton Plourde, Eric Schiff, Jennifer Schwarz and Xiangjun (Sean)
Xing — working in condensed matter, statistical, and biological physics, with strength in both
theoretical and experimental research. The new faculty member should have research interests
that overlap with and/or complement the current efforts, and will join a thriving research group
with a faculty keen to enlarge its impact on condensed matter and materials physics.

Applicants are requested to send a letter of application, a curriculum vitae, and statements of
research and teaching interests as attachments in an e-mail to facultysearch@physics.syr.edu.
Alternatively, materials can be mailed to: Faculty Search Committee, Department of Physics,
Syracuse University, Syracuse NY 13244-1130 USA. Please be sure to label your application as
“Cosmology” or “Condensed Matter.” Applicants are also asked to arrange for three or more
letters of reference to be sent to the same address.

All applicants should have a substantial record of research accomplishments and a strong interest
and ability to teach effectively at both the graduate and undergraduate levels. Review of
applications will begin December 15, 2006, and will continue until the positions are filled.
Syracuse University is an affirmative action/equal opportunity employer. Members of minority
groups and women are especially encouraged to apply.