Indian Statistical Institute, Chennai Centre

A Mini Course in Several Complex Variables
8th — 13th December, 2016.

The course titled as above, will consist of lectures by Professors Gautam Bharali and Kaushal Verma from IISc Bangalore, Diganta Borah (IISER-Pune), Sushil Gorai (IISER-Kolkata), R.Sivaguru (TIFR-Mumbai), J.Jaikrishnan & Pranav Haridas (IIT-Madras) among others, to provide an introduction to complex analysis in several variables.

Students in the second year of their MSc, MPhil or PhD students, interested in the above-mentioned course may apply by sending an e-mail to Dr. G. P. Balakumar at gpbalakumar@gmail.com, consisting of a C.V., which must mention their knowledge of real and complex analysis. Selection will be based on the academic record of the applicants (who are expected to be within the first five ranks of their institution) details of which should be included in their C.V. Students are expected to have had a first course in complex analysis of one variable at the Masters level by the time of the program. Knowledge of basic real analysis and multi-variable calculus will be assumed.

Outstation students will be provided with free food and possibly lodging, to be made clear once the selection is done. No such benefits will be provided to the participants from Chennai, except for a working lunch available to all participants of the program. The deadline for application is 10th November, 2016. Those selected, will be informed via e-mail after this date.

Participants are advised to look at the following references:

(1) Paul M. Gauthier, Lectures on Several Complex Variables, Birkhäuser/Springer.
(2) Marek Jarnicki and Peter Pflug, First Steps in Several Complex Variables: Reinhardt Domains, available in an Indian edition by the Hindustan Book Agency.