PhD students and postdoctoral researchers to be supported by a research grant in Istanbul, Turkey. Candidate PhD students should have a good background in mathematical analysis, specifically in complex and functional analysis, and should be motivated to write a PhD thesis and research papers. Postdoctoral researchers are expected to have a PhD in relevant fields. The postdoctoral researcher should be eager to contribute to the research with the other project team.

Project title: Carleson Measures For Sub-Hardy Spaces
Duration: 24 months
Start time: Estimated start time is September 2014.

Monthly net salary of the scholars
PhD student                             1800 TL '=' 790 USD
Postoctoral researcher                  2600 TL '=' 1140 USD
**In campus housing is available for the scholars free of charge.**

The applications will be considered by Gökhan Göğüş. The time for joining the project may be flexible. Scholars who are eligible to join the project and Gökhan Göğüş will decide which parts and in which time of the project to participate.

Project summary
The subject of the project is analytic function theory in the complex plane. Its main purpose is to adopt and study the Carleson inequalities, which are mostly well-known for the classical Hardy space theory, besides with the reverse Carleson inequalities, in the setup of certain sub-Hardy spaces. As an application boundedness or compactness of the composition and Toeplitz operators will be studied.

Contact information
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