Cologne Young Researchers in Number Theory Program 2015
February 18-April 3

Overview:
The Cologne Young Researchers in Number Theory Program aims to offer a competitive, 6-week intensive program for 6-8 students who have not started a Ph.D. program. Students will work in small groups on original research projects.

Project Areas:
The topics will focus on modular forms, harmonic Maass forms, and related objects. Possible topics include:

- Singular moduli
- Structure of Hecke algebras
- Infinite families of sums of squares and related identities
- Period polynomials
- Quantum modular forms
- Meromorphic modular forms

Eligibility:
- Students from Europe or abroad
- Undergraduates and Master’s students
- Previous experience in number theory not required

Application deadline: October 15, 2014

For further details, visit: http://www.mi.uni-koeln.de/~Irolen/CYRP

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