

# Workshop on Theory and Applications of the Hyperbolic Metric

Monday 3rd – Friday 7th September 2007

Heilbronn Institute, University of Bristol, UK

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The hyperbolic metric is both a powerful tool in complex analysis and an interesting object of study in its own right. This workshop is intended to serve both as a research conference for mathematicians whose research involves the hyperbolic metric, and as an introduction to the subject for graduate students who wish to learn about the hyperbolic metric from scratch.

The workshop will feature two introductory short courses, each of five lectures:

- Professor Alan F. Beardon (Cambridge)

*The hyperbolic metric and its properties*

- Professor David Minda (Cincinnati)

*Applications of the hyperbolic metric to complex analysis*

The Monday afternoon and Tuesday morning sessions will consist only of introductory lectures, so those already familiar with the hyperbolic metric may prefer to arrive on Tuesday 4th in time for lunch. Thereafter the afternoon sessions will consist of research talks and survey talks on various aspects of the subject. There will be discussion sessions led by the lecturers, for those attending the introductory courses to consolidate what they have learnt. Several rooms will be available throughout the week for collaborative work.

Lunch will be provided each day, and there will be a registration fee of £15 to cover this. Accommodation will be provided for speakers. We will have (limited) funds available to contribute towards travel and accommodation expenses for UK graduate students attending the workshop, (particularly those who do not already have EPSRC funding for travel). For the registration form and up-to-date information, see the webpage:

<http://www.maths.bris.ac.uk/~maetc/workshop.html>

If you would like to speak at the workshop, please email Edward Crane with a suggested title.