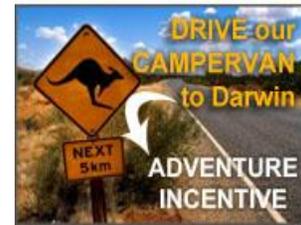
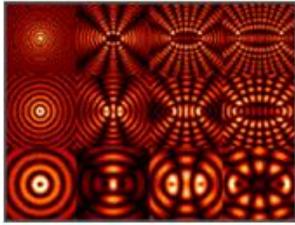


Sponsored by Charles Darwin University (CDU), Northern Territory, AUSTRALIA



PARAMETERIZED COMPLEXITY: NOT-ABOUT-GRAPHS!

See website: www.cdu.edu.au/parameterized-nag and below.

DESCRIPTION

To date, much of the work in parameterized algorithmics has been focused in the area of graph algorithms. However, computational complexity is an issue that arises everywhere.

The focus of the workshop is on reporting new advances regarding the parameterized computational complexity of problems in algebra, number theory, analysis, topology, game theory, geometry - anything that takes the field into new and unexplored directions of relevance. It is also focused on identifying and promoting the key unsolved problems in these new directions.

There will be an informal postproceedings, published by CDU Press and a working proceedings for use during the workshop. We expect the discussions and presentations to be rich with possibilities for further development of entire research areas, and programmatic themes that can be developed into future research proposals. Please let us know if you would like to give a presentation.

There will be a website devoted to open problems, progress on which we would like to see reported at the workshop, and that will in any case serve to collect and publicize key open problems to promote these new directions of parameterized complexity research.

DATES: 5-8 August 2011 for Workshop plus 9-13 August for Problem-Solving. (Note this is a date change from the Newsletter.) Workshop starts 6pm on Friday, August 5, and ends at noon on Monday, August 8 at Charles Darwin University in Darwin (Casuarina campus).

For those who wish to stay on after, following the workshop will be several days of problem-solving "Barbados-style," possibly on flip-charts out in the bush. Make Darwin hotel reservations including the night of 8 August. Hotels are expensive so book early. See website www.stayz.com.au which has short-term rentals. Possibly rent a house with several bedrooms and share it. Let me know if you need help or have questions. On the morning of the 9th, we will all leave on our problem-solving "walk-about". We will advise details later, and we will arrange accommodation for this (although we may ask for a donation). Some researchers are bringing their families. We will return to Darwin on 13 Saturday afternoon. Remember, that Australia is a

day ahead, so if you are leaving Darwin on Sunday, you will arrive in US or Europe on Sunday, “time starts here”.

Special Incentive: Have an adventure prior to attending the workshop and drive Mike and Fran’s “famous” campervan to Darwin (from Taree, just north of Sydney). See the picture on the website. It is adventure-ready for you!

Organizers:

Frances Rosamond / Michael Fellows/Yiannis Koutis

Email: Frances.Rosamond@cdu.edu.au