

**Robert Bartnik (Monash University, Clayton Australia):
Boundary problems for equations of Dirac type**

The essentials of the theory of linear elliptic boundary problems has been well-understood by the experts since the 1970s at least. This talk will describe the main ideas and results, in a form which will (hopefully) be accessible to mathematicians seeking to apply the basic results to problems in other areas. The spinor proof of the positive mass theorem provides an excellent motivating example.