



*Main Talks*

## IV Seminar on Categories and Applications

Bellaterra, 6 to 9 of June of 2007

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**Antonio Viruel, Universidad de Málaga**

*From  $p$ -local finite groups to  $p$ -compact groups*

**Abstract:** Generalizing the results of Quillen and Friedlander, J.M. Møller and C. Broto have shown that  $p$ -compact groups can be described as telescopes of sequences of  $p$ -local finite groups. We discuss whether or not those telescopes are unique, and how this can lead to a constructive classification of  $p$ -compact groups. This talk presents some joint work with C. Broto and A. Ruiz.

**Contact address:** [viruel@agt.cie.uma.es](mailto:viruel@agt.cie.uma.es)

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