## IRON WHITE DWARFS?

## J. Isern<sup>1</sup>, S. Catalán<sup>2</sup>, E. García–Berro<sup>3</sup>

<sup>1</sup>Institute for Space Sciences (CSIC-IEEC), Barcelona <sup>2</sup> University of Hertfordshire, Hatfield <sup>3</sup>Departament de Física Aplicada (UPC) & IEEC, Barcelona <sup>4</sup> Astrophysics Research Institute, Liverpool John Moores University, Liverpool

There are some indications that white dwarfs with anomalous chemical compositions, i.e. with a substantial amount of elements heavier than O-Ne, could exist. This possibility is intriguing since it is at odds with the well established theory of stellar evolution. Although the most obvious explanation is an erroneous interpretaion of data, it is natural to explore the possibility of new issues that are not in contradiction with the well established facts.