

"SKA: The Ultimate Big Data Project"

Abstract:

"The Square Kilometre Array (SKA) radio-telescope will be the largest scientific and engineering instrument of the coming decade. Also will be one of the largest supercomputers ever built, generating more data daily than the entire world's internet traffic. The SKA will have to process amazing amounts of data quickly and will advance the state of HPC in many ways. This talk presents the SKA and the challenges arisen during its design, Open Parallel's contributions to the computing platform, and opportunities to join our R&D efforts. Applications to areas such as IoT and Precision Agriculture, are presented and discussed."

Bio

Nicolás Erdödy is the Founder and CEO of Open Parallel, and Conference Director of Multicore World. He holds a Master of Entrepreneurship from the University of Otago, New Zealand and learned Fortran at Universidad de la República, Uruguay, when punch cards were high-tech. Involved with the SKA project since 2011, Nicolás lives in the South Island of New Zealand and can ask for a beer in five human languages.