

Name of research institute or organization:

Institut d'automatisation Industrielle, Haute Ecole d'Ingénierie et de Gestion

Title of project:

Development of a seeing monitor for astronomical applications

Project leader and team:

Prof. François Wildi, project leader
Léonard Dal-Magro, Sébastien Mamin, graduating students

Project description:

Our goal is to develop a versatile and easy to use seeing monitor to offer real time dynamic atmospheric parameters characterization to smaller observatories that do not have a permanent facility of this type available

This project was only initiated in 2005 and is still in infant phase.

Key words:

High resolution imaging, turbulence description, adaptive optics

Scientific publications and public outreach 2005:

Theses

L. Dal Magro, S. Mamin, Development of a seeing monitor of type DIMM. Diploma thesis, HEIG-VD, 2005.

Other

This project was presented in the frame of the "Journées Techniques 2006", an exhibit that highlights the technological capabilities of the the Haute Ecole d'Ingénierie et de Gestion du canton de Vaud.

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