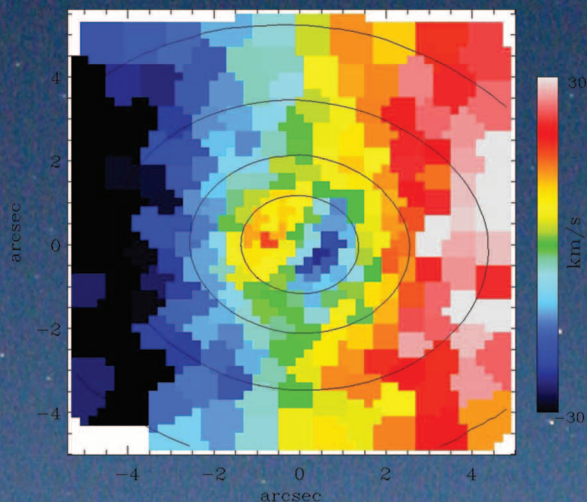


# Workshop on ADAPTIVE OPTICS-ASSISTED INTEGRAL-FIELD SPECTROSCOPY

9-11 MAY 2005, LA PALMA, CANARY ISLANDS, SPAIN



OASIS 2D velocity map of NGC 4382  
(McDermid, R., et al., 2004, *Astron. Nachr.*, **325**, 100).



## More Information:

<http://www.ing.iac.es/conferences/aoworkshop/>  
<http://www.ast.cam.ac.uk/ING/conferences/aoworkshop/>  
Contact email: [aoworkshop@ing.iac.es](mailto:aoworkshop@ing.iac.es)

The combination of integral-field spectroscopy and adaptive optics (AO) is still a relatively unexplored area where the potential benefits for astronomy are huge. Several projects are under way to take advantage of recent technological developments in these areas. This workshop is prompted by the advent at the 4.2-m William Herschel Telescope of the OASIS integral-field spectrograph in conjunction with the NAOMI AO system which will shortly be equipped with a laser guide star system.

The workshop will focus on the scientific potential of AO-assisted integral-field spectroscopy. Areas of interest will include the dynamics of galaxy cores, the physics of star forming regions and dense stellar clusters, the impact of survey observations in these areas using laser guide stars, and future developments in instrumentation. Contributions in these and related areas are invited.

## Topics:

Astronomical Achievements of Integral-Field Spectroscopy  
Instrumentation Developments  
Future Prospects for Science Exploitation

## Scientific Organising Committee:

Roland Bacon, Chris Benn, Thijs van der Hulst, Johan Knapen,  
Simon Morris, Reynier Peletier, Rafael Rebolo, René Rutten, Tim de Zeeuw

## Local Organising Committee:

Chris Benn, Javier Méndez, Roy Østensen, Samantha Rix, René Rutten

Workshop  
organised by:



Collaborating  
institutions:



LA PALMA  
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