BINA

The Belgo-Indian Network for Astronomy and Astrophysics

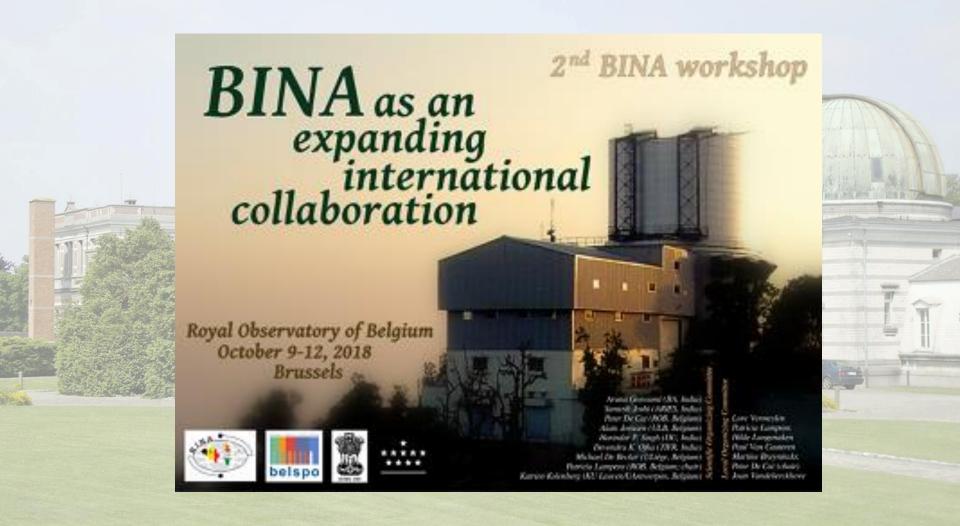


BINA 2

There was a first meeting...

2016 Nov. 15-18 in Nainital

100+ participants from India, Belgium, and other countries



✓ Complementary expertise or

✓ To tackle a big problem for which we individually do not have the resources

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Collaboration: Telescopes, instrumentation & observational astronomy

- 44 (very interesting) presentations during the 3.5 days meeting, 8 posters, and one round table.
 - Instrumentation of the Indo-Belgian telescopes
 - Data & science with the telescopes
 - Solar system and exoplanets
 - Stellar astronomy
 - Galaxies



Telescope

DOT @ ARIES

ILMT @ ARIES

1m @ ARIES

1.3m @ ARIES

2m @ HCT

1.2 @ PRL

GMRT @ NCRA

AstroSat @ orbit

TRAPPIST

1.2 @ La Palma

6.0 @ SAO





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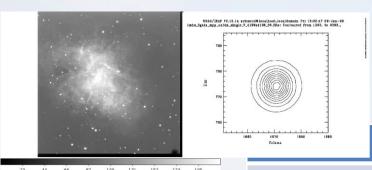
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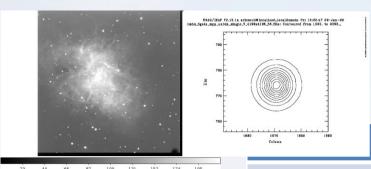
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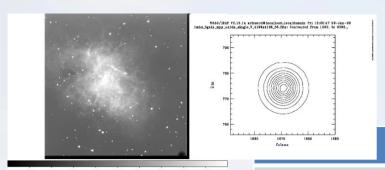
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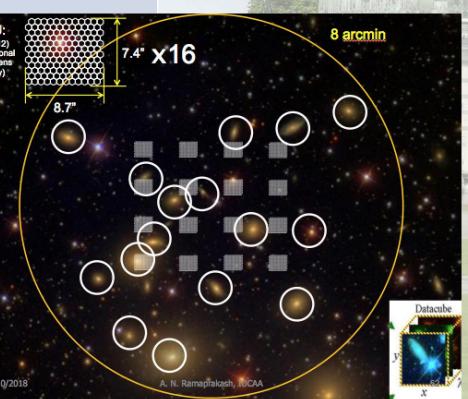
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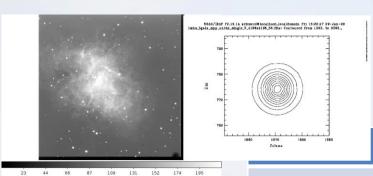
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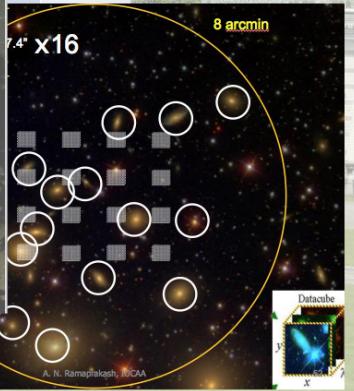


A sharp future for the 3.6m DOT? the power of adaptive optics for medium size telescopes

Gilles Orban de Xivry STAR/PSILab 09/10/2018 – 2nd BINA workshop









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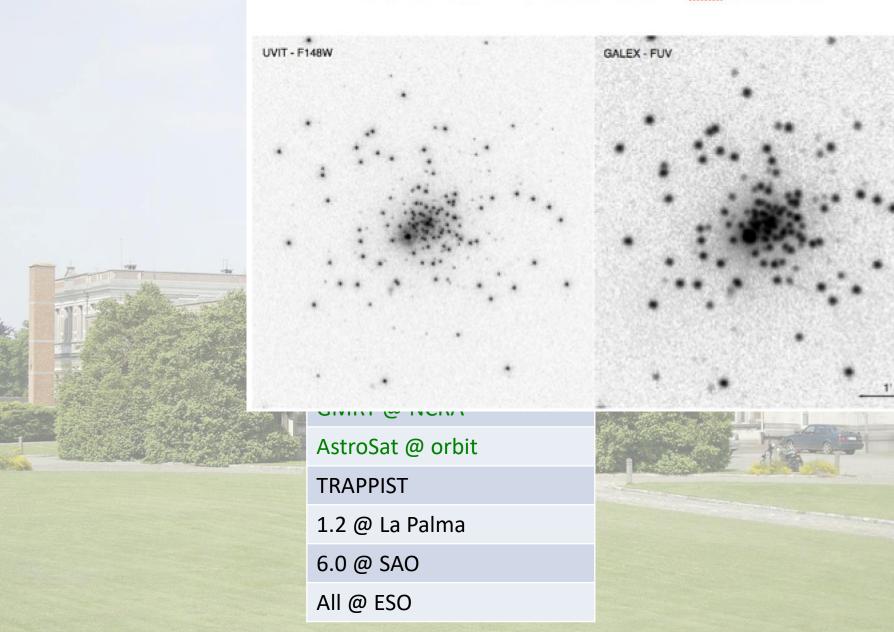
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NGC 1851 - FUV: UVIT vs GALEX





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Hermes: white pupil Design F/10 15cm beam

R2.70 blaze:69.7°



Small telescopes
Large availability
-> monitoring (time series)

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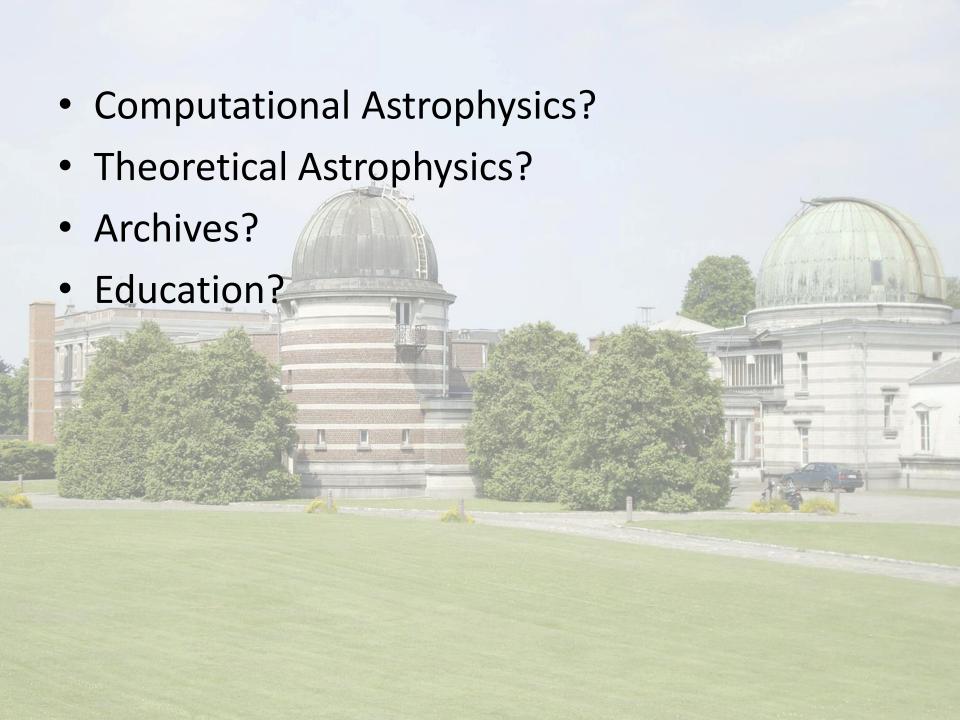
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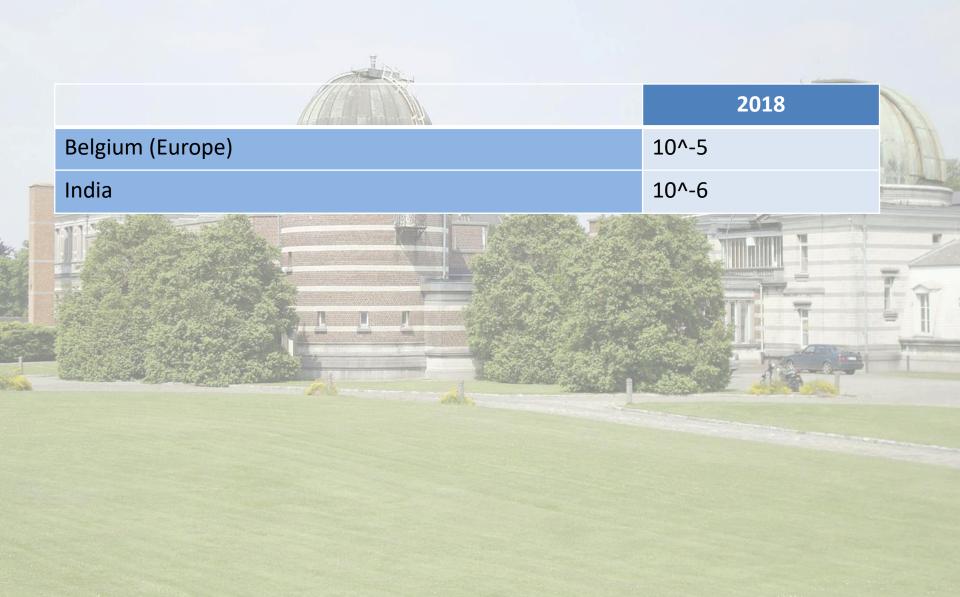




The Centre de Recherche Astrophysique de Lyon (CRAL) has been a pioneer or 3D, or Intergral field spectroscopy, and recently





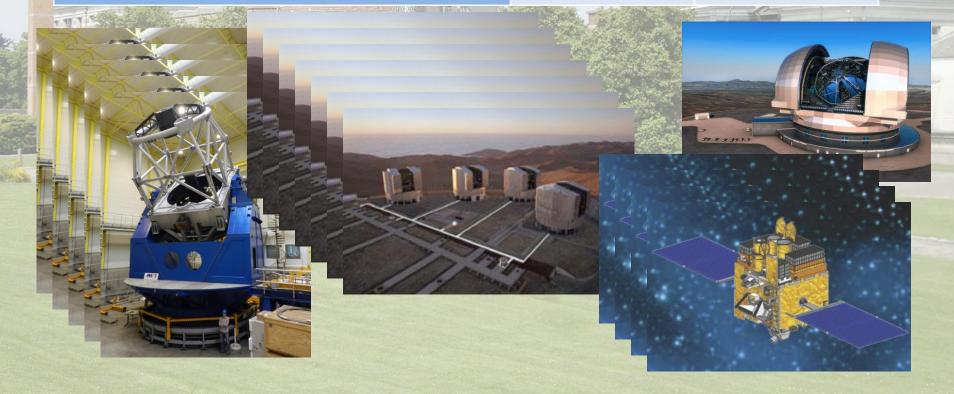


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Belgium (Europe)	10^-5	10^-6	
India	10^-6	10^-6	110
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or

- √ For other reasons
 - ✓ Because we want to have a positive contribution to the mankind

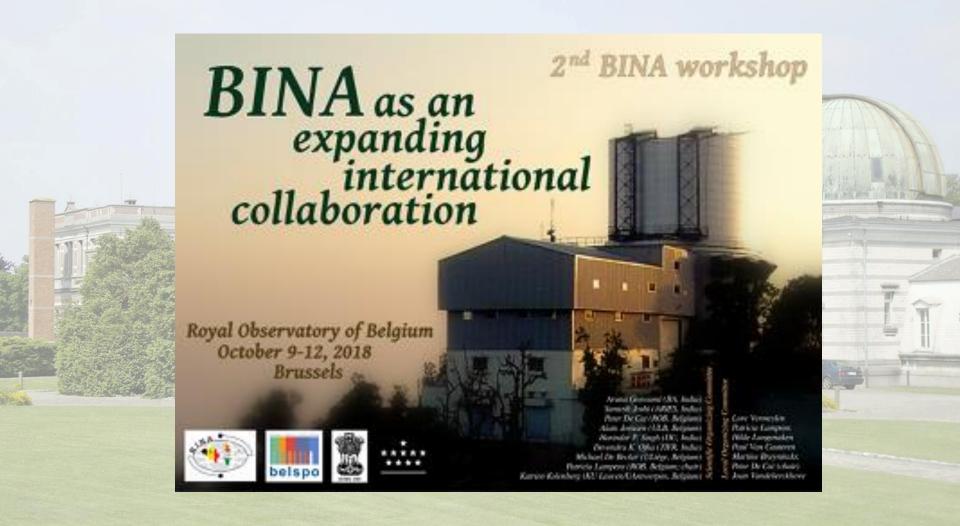
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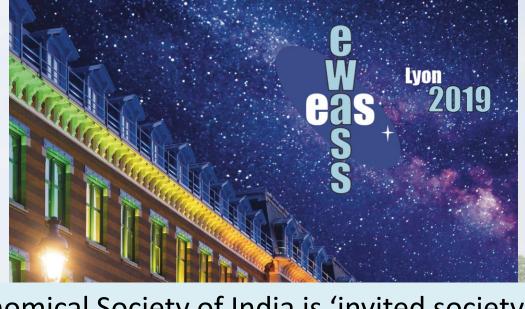
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- √ For other reasons
 - ✓ Because we want to have a *positive* contribution to the mankind

How do we contribute to the society?







The Astronomical Society of India is 'invited society'
An opportunity to emphasize the Euro-India collaborations



