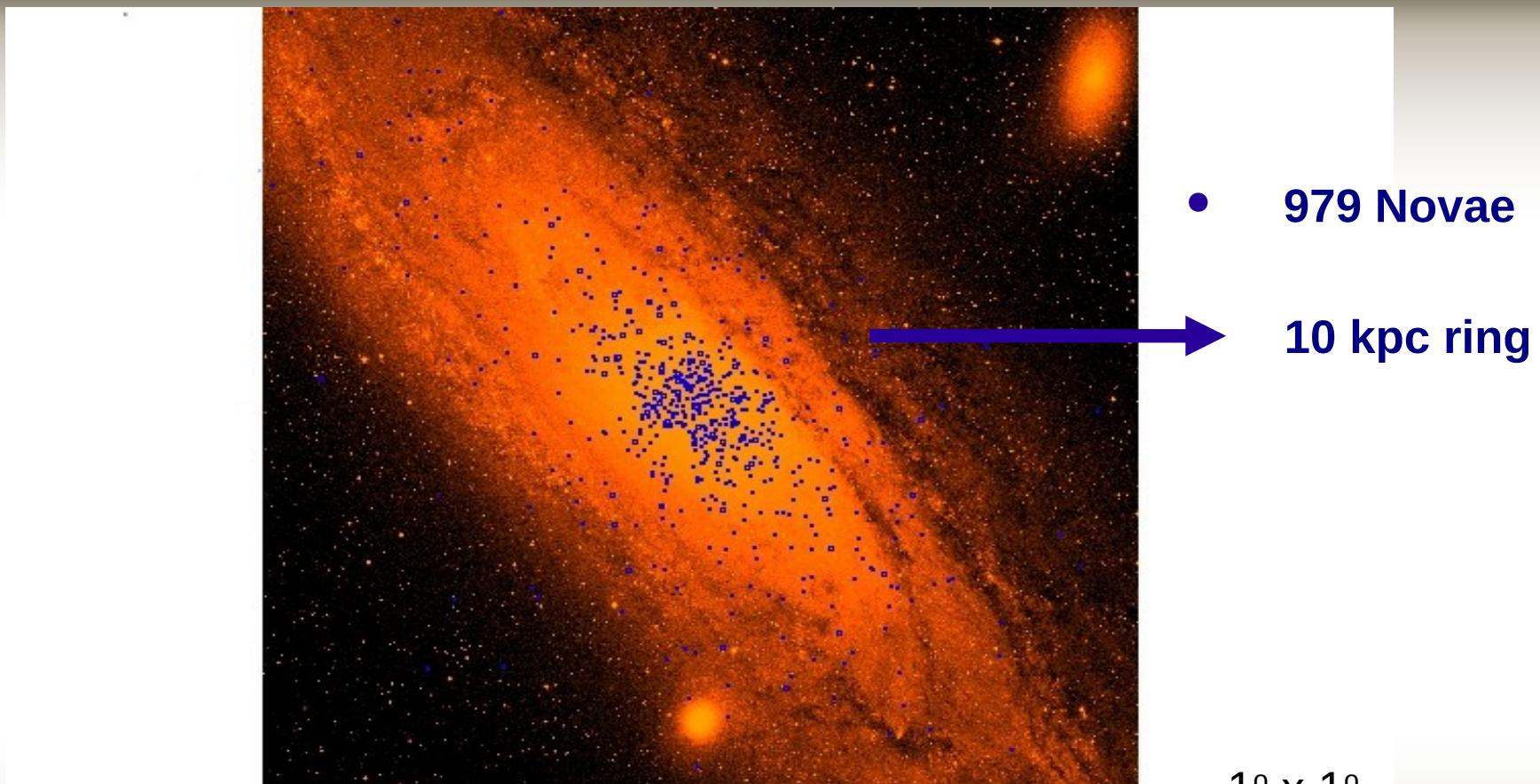


The background of the slide features a dynamic, radial pattern of light rays emanating from the bottom left corner. These rays are composed of numerous thin, glowing lines in shades of blue, green, and yellow. A large, solid dark blue triangle is positioned in the lower right quadrant, partially overlapping the light rays.

Aman Kaur
Advisor : Dieter H. Hartmann
Clemson University, SC

Spatial Distribution of Novae in M31



In general, more novae concentrated near the center of M31

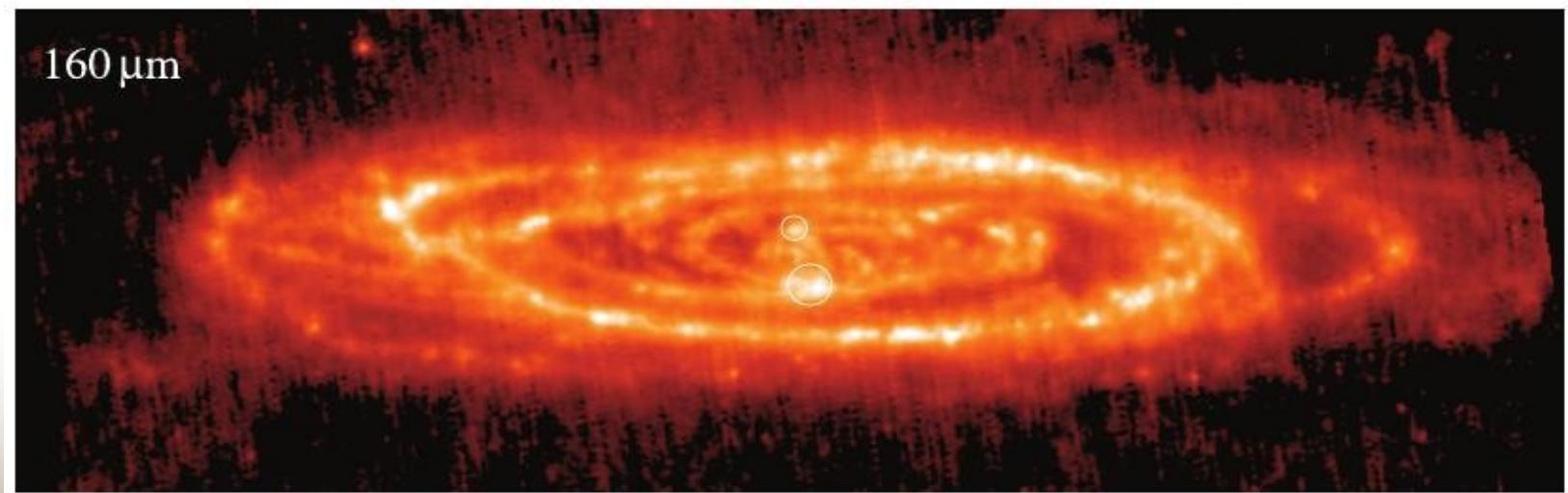
Extracted from MPE nova page :

<http://www.mpe.mpg.de/~m31novae/opt/m31/index.php>

3D Extinction Model for M31 : Parameters

Components of our Dust Model :

- Uniform disk
- Logarithmic Spiral Arms
- 10 kpc ring



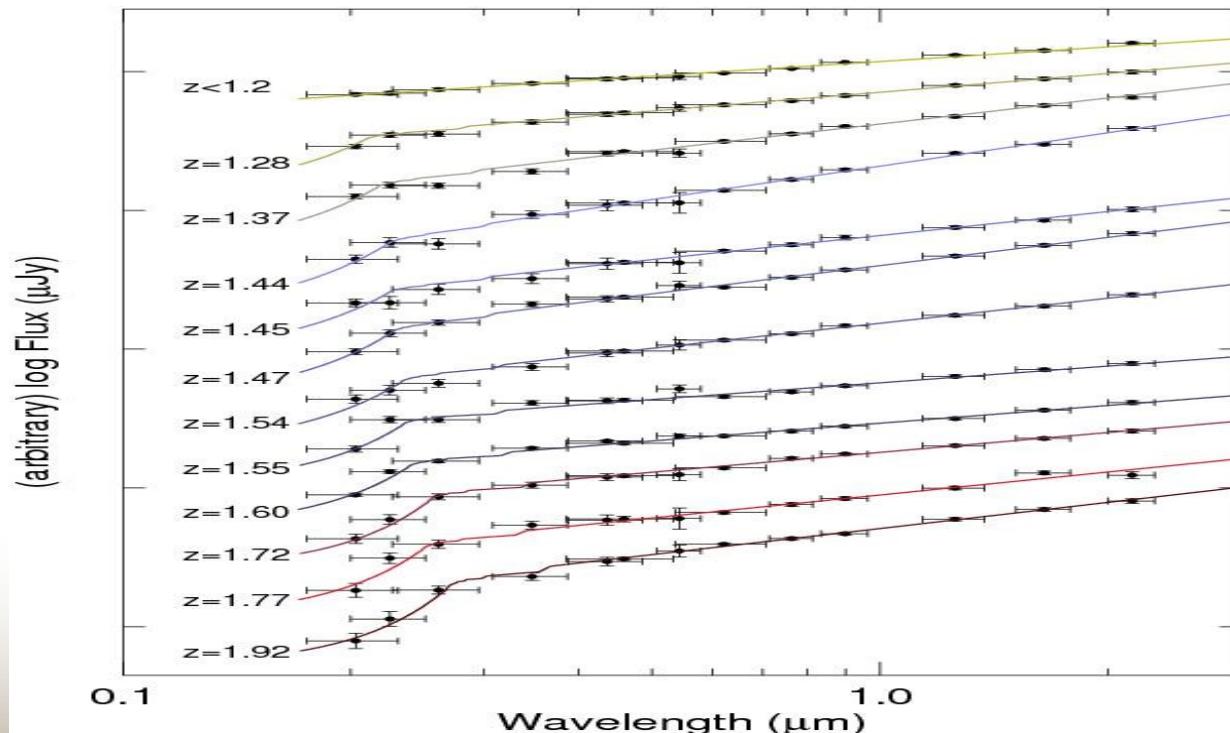
Why am I here ?



Blazars (BL Lac objects)

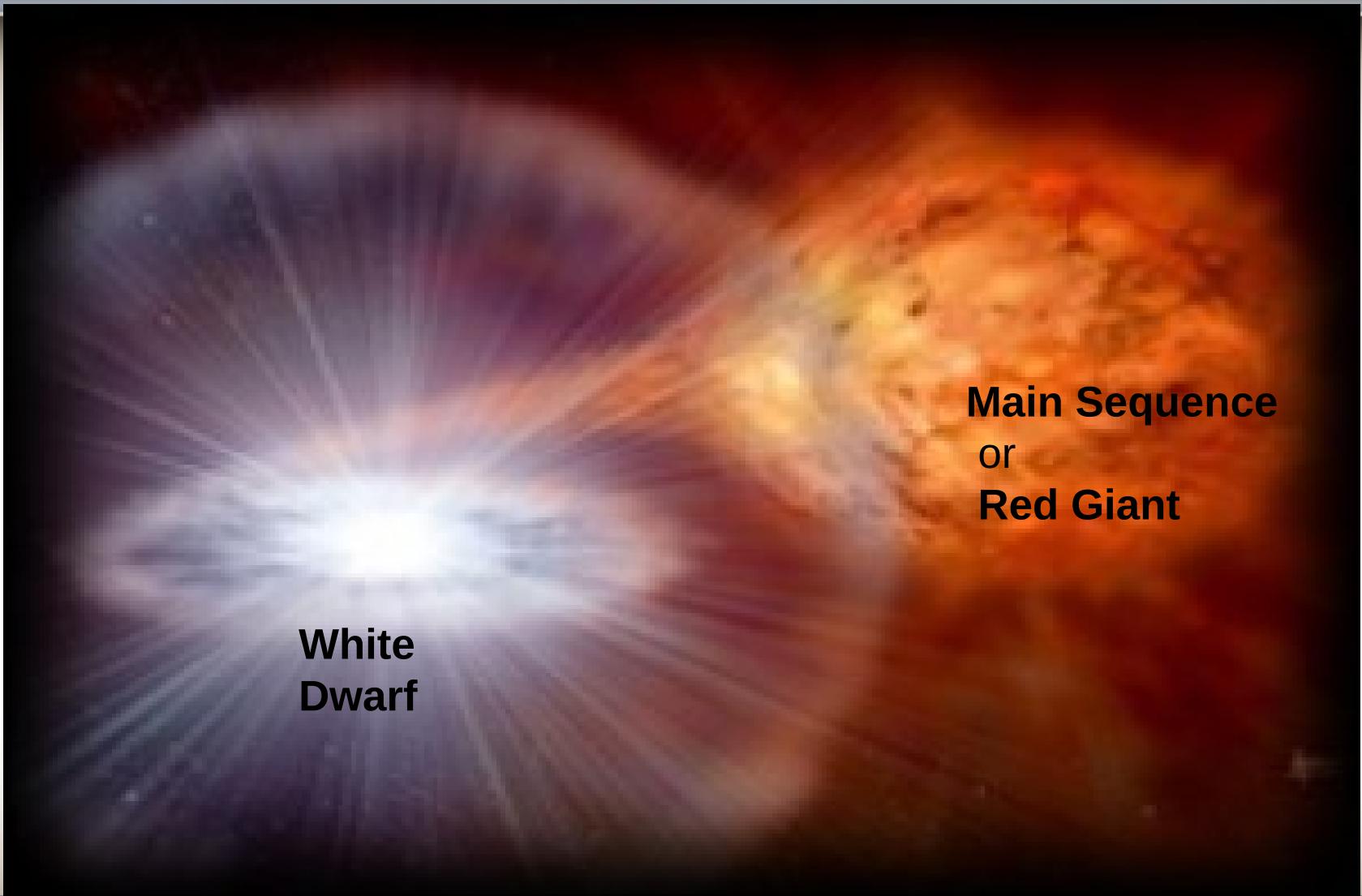
Photometric redshift :

- with GROND and Swift -UVOT



Thanks

Novae



**White
Dwarf**

**Main Sequence
or
Red Giant**