

Asterics VO-school Use_case

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Precap :

1. Introduction to the proposed use_case
2. VO-tools contribution
 - 2.1. Finding proper motion and parallax
 - 2.2. Detection of quasar
3. Future perspective

Introduction

- Data acquisition from 4m ILMT (International Liquid Mirror Telescope)

Expectation from VO-tools

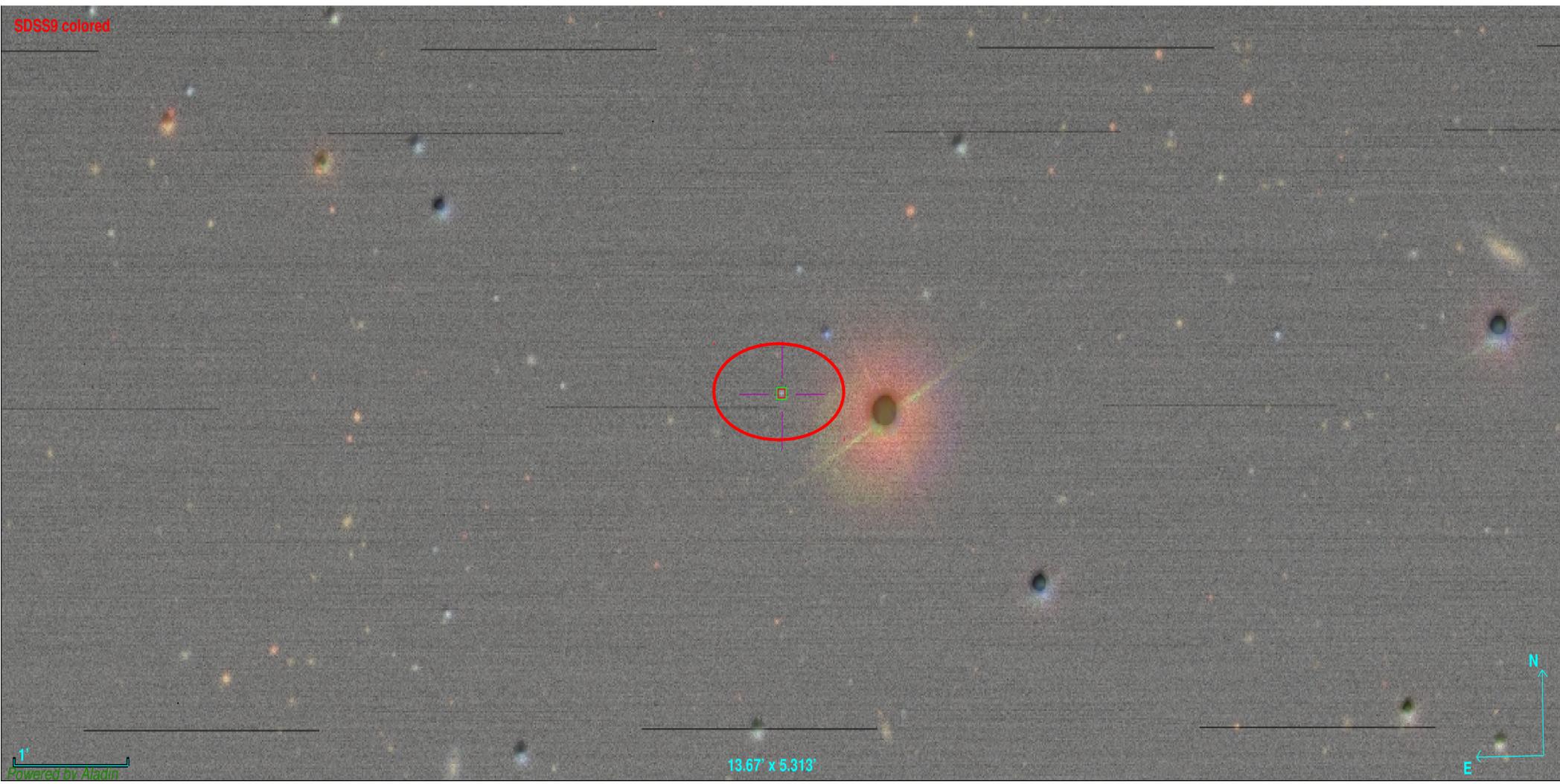
- Determining objects affected by high-proper motion
- Determining the trigonometric parallax
- Finding out quasar

VO-tools contribution

- How I found proper motion and trigonometric parallax
 - ALADIN is being used.
 - Hipparcus & Tycho catalog (1997) *loaded*
 - Simbad showed vector representation of proper motion

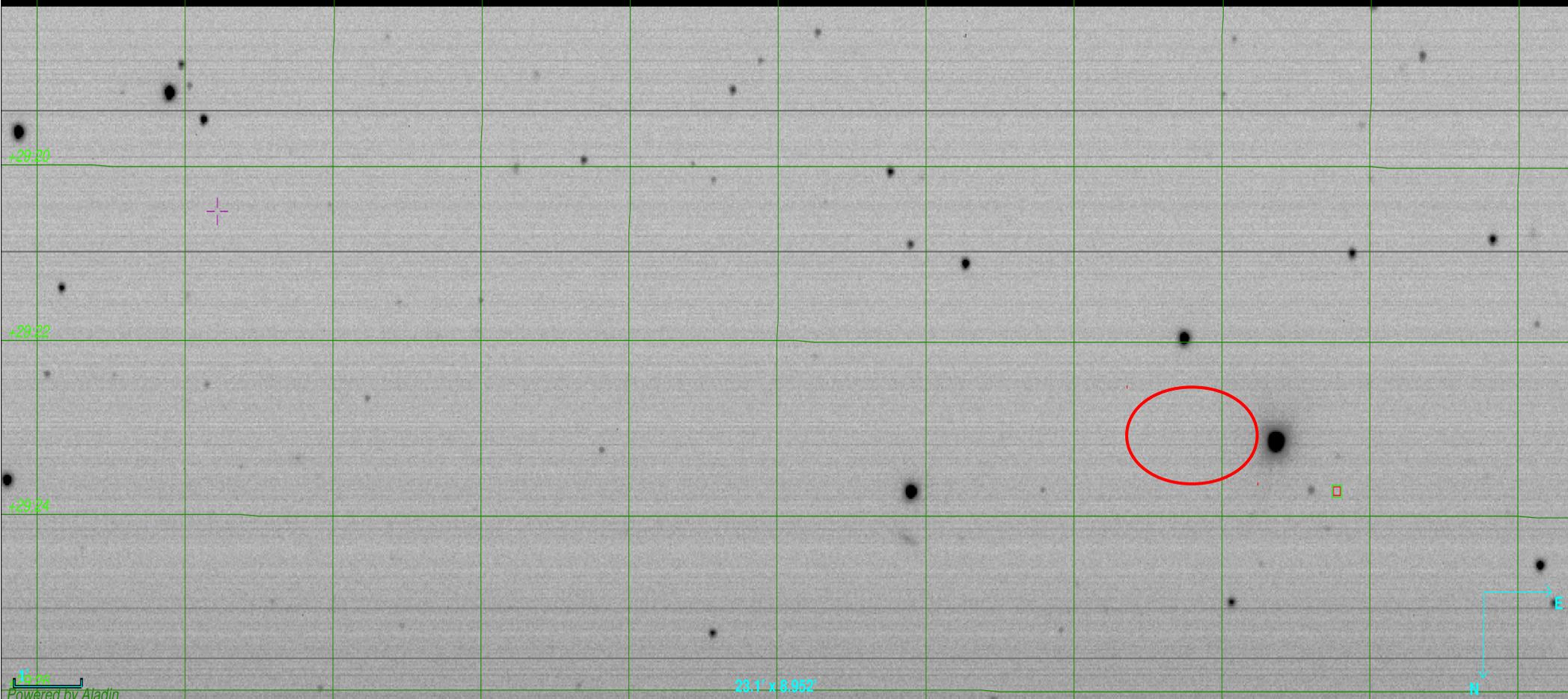
VO-tools contribution (cont..)

- How I found quasars ?
 - ALADIN is being used
 - LQAC-3 catalog is superimposed
 - Finally I could not detect any quasar in my Image



Vmag = 18, z = 2.6

TDI Blue 14_18_05_2015 new
14:39:40 14:39:50 14:40 14:40:10 14:40:20 14:40:30 14:40:40 14:40:50 14:41 14:41:10 14:41:20
+29:18



Powered by Aladin

20.1' x 0.852

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THANK YOU

