



## 4- Astronomy Department

### 4-2 Stellar Laboratory

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#### \* Scientific Publication (National & International)

1. New CCD Photometry and Light Curve Analysis of two WUMa Binaries: 1SWASP J133417.80+394314.4 and V2790 Orion Journal: New Astronomy, In preparation
2. Methanol and water maser observations separate disc and outflow sources in IRAS 19410+2336. Journal: Monthly Notices of the Royal Astronomical Society, In preparation.

#### \* Reviews of Papers (National & International)

NA

#### \* Conferences, Scientific Missions & Workshops

1. Participating on the Regional VLBI workshop in Mexico 25 Feb to 1 March 2019. Funded by the UK's Science and Technology Facilities Council.
2. I have attended the Winter Radio Interferometry School hosted by the Westnorth University, South Africa, 23 Jun to 31 July 2019. Funded by JIVE and Westnorth University.
3. One of the accepted participants to attend the European Radio Interferometry School at Chalmers Un., Sweden (ERIS) 2019 between 7 to 12 Oct. Funded by H2020 program JUMPING JIVE and DARA.
4. More recently, I got participated in the fourth Arab Astronomical Society school hosted by NRIAG, Egypt during October 2019

#### \* Projects

Member of Kottamia Center of Scientific Excellence in Astronomy and Space Sciences (KCScE)

#### \* Consultancy

NA

#### \* Supervision of M.Sc. / Ph.D.

NA

#### \* Books

1- Photometric Study and Modeling of some short period eclipsing Binaries. Publisher: LAP LAMBERT Academic publishing <https://www.lap-publishing.com/>

#### \* Other

As an instructor, I used to make one week training for some of my colleagues on how to use the Kottamia new system. Invited as a speaker to introduce a public talk on the 100 anniversary of IAU at NRIAG focused on Radio telescope and its impact of the astronomy revolution.