

## Res. Asst. PhD MUSTAFA KÜRŞAD YILDIZ

### Personal Information

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### Education Information

Doctorate, Rijksuniversiteit Groningen, Kapteyn Astronomical Institute, Netherlands 2012 - 2017

Post Graduate, Erciyes Üniversitesi, Fen Bilimleri, Astronomi Ve Uzay Bilimleri, Turkey 2007 - 2010

Under Graduate, Erciyes Üniversitesi, Fen Edebiyat Fakültesi, Astronomi Ve Uzay Bilimleri, Turkey 2003 - 2007

### Foreign Languages

Dutch, A1 Beginner

English, C1 Advanced

French, A2 Elementary

### Certificates, Courses and Trainings

IT, 6. YÜKSEK BAŞARIMLI HESAPLAMA VE PARALEL PROGRAMLAMA, İSTANBUL TEKNİK ÜNİVERSİTESİ, 2011

Education Management and Planning, YABANCI DİL SERTİFİKASI, DEULCOM, 2010

### Dissertations

Doctorate, The impact of Neutral Hydrogen on the current evolution of Early-Type Galaxies, Rijksuniversiteit Groningen, Graduate School Of Science And Engineering, Kapteyn Astronomical Institute, 2017

Post Graduate, RADYO VERİLERİN DEPOLANMASI VE UYGULAMA YÖNTEMLERİ, Erciyes Üniversitesi, Fen Bilimleri, Astronomi Ve Uzay Bilimleri, 2010

### Research Areas

Physics, Astronomy and Astrophysics, Astronomy and Astrophysics: Instrumentation Techniques and Observations, Star Systems, Interstellar Medium, The Galaxy, Galactic and Extragalactic Objects and Systems, Cosmology, Natural Sciences

### Academic Titles / Tasks

Research Assistant, Erciyes Üniversitesi, Fen Fakültesi, Astronomi ve Uzay Bilimleri , 2009 - Continues

### Courses

Computer II, Under Graduate, 2017 - 2018

History of Astronomy, Under Graduate, 2017 - 2018

## Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Cold gas and dust: Hunting spiral-like structures in early-type galaxies**  
Yildiz M. K. , Peletier R. F. , Duc P. -, Serra P.  
ASTRONOMY & ASTROPHYSICS, vol.636, 2020 (Journal Indexed in SCI)
- II. **NGC 4993, the shell galaxy host of GW170817: constraints on the recent galactic merger**  
Ebrova I., Bilek M., Yildiz M. K. , Eliasek J.  
ASTRONOMY & ASTROPHYSICS, vol.634, 2020 (Journal Indexed in SCI)
- III. **A tidal tale: detection of several stellar streams in the environment of NGC 1052**  
Muller O., Rich R. M. , Roman J., Yildiz M. K. , Bilek M., Duc P., Fensch J., Trujillo I., Koch A.  
ASTRONOMY & ASTROPHYSICS, vol.624, 2019 (Journal Indexed in SCI)
- IV. **Star formation associated with neutral hydrogen in the outskirts of early-type galaxies**  
Yildiz M. K. , Serra P., Peletier R. F. , Oosterloo T. A. , Duc P.  
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.464, no.1, pp.329-355, 2017 (Journal Indexed in SCI)
- V. **Star formation in the outer regions of the early-type galaxy NGC 4203**  
Yildiz M. K. , Serra P., Oosterloo T. A. , Peletier R. F. , Morganti R., Duc P., CUILLANDRE J., KARABAL E.  
MONTHLY NOTICES OF THE ROYAL ASTRONOMICAL SOCIETY, vol.451, no.1, pp.103-113, 2015 (Journal Indexed in SCI)

## Refereed Congress / Symposium Publications in Proceedings

- I. **TÜRKİYE NİN ESO ÜYELİK YOLCULUĞU**  
Yıldız U., SOLMAZ A., ÖNAL TAŞ Ö., Mirahmetoğlu H., SAYGAÇ A. T. , Güneş M., YILDIZ M. K. , Özyar Ü., Şahin Ö., Raşid T., et al.  
XVIII. ULUSAL ASTRONOMİ ve UZAY BİLİMLERİ KONGRESİ, Malatya, Turkey, 27 September - 01 October 2012

## Supported Projects

Yıldız M. K. , TUBITAK Project, Studying the deep-optical images of early-type galaxies: investigating colour, age and metallicity in the outer regions, 2018 - 2019

AK H., FİLİZ AK N., AVCI A., TANRIVER M., YILDIZ M. K. , AKKAYA İ., Project Supported by Higher Education Institutions, ASTRONOMİ VE UZAY BİLİMLERİ BÖLÜMÜ?NDE OPTİK TELESKOP KURULUMU VE SEÇİLMİŞ ÇİFT YILDIZLARIN FOTOMETRİK GÖZLEMLERİ VE ANALİZİ, 2009 - 2017

## Edit Congress and Symposium Activities

Formation and evolution of galaxy outskirts, Attendee, Toledo, Spain, 2016

Bolton and Student Symposium, Attendee, Sydney, Australia, 2015

The Periphery of Disks, Attendee, PowerHouse Museum, Sydney, Australia, 2014

A Centennial Cruise Honoring Adriaan Blaauw as Cartographer of the Heavens, Attendee, Kapteyn Astronomical Institute, Groningen, Netherlands, 2014

Fourth Quantum Universe Symposium (QU4), Attendee, Kapteyn Astronomical Institute, Groningen, Netherlands, 2014

7th International PHISCC Workshop: The Challenges of the Upcoming HI Surveys, Attendee, Astron, Dwingeloo, Netherlands, 2014

3D2014: Gas and stars in galaxies: A multi-wavelength 3D perspective, Attendee, European Southern Observatory (ESO) Garching, Munich, Germany, 2014

National Astronomy Education Committee (NOVA) Fall school, Attendee, Dwingeloo, The Netherlands, Netherlands, 2013

Integral Field Unit spectroscopy (IFUs) mini-workshop, Attendee, Groningen, Netherlands, 2013

European Radio Interferometry School, Attendee, Astron, Dwingeloo, Netherlands, 2013

75 years anniversary of IAP Conference: The origin of the Hubble sequence, Attendee, Paris, France, France, 2013

68th Dutch Astronomy Conference, NAC 2013, Attendee, Lommel, Belgium, Belgium, 2013

Technology in Radio Astronomy and Space Science: Detecting Radio Waves, Attendee, Sardinia's Technological Park, Pula, Sardinia, Italy, 2012

ISWI-Europe Summer School in Space Science,, Attendee, Astronomical Institute of the SAS, Tatranská Lomnica, Slovakia, 2011

6. Yüksek Başarımlı Hesaplama ve Paralel Programlama Yaz Okulu, Attendee, İstanbul Teknik Üniversitesi, İstanbul, Turkey, 2011

13th Regional Conference On Mathematical Physics, Attendee, Antalya, Turkey, 2010

URSI (INTERNATIONAL UNION of RADIO SCIENCE) TÜRKİYE ULUSAL KOMİTESİ V. URSI-TÜRKİYE'2010 BİLİMSEL KONGRESİ, Attendee, Orta Doğu Teknik Üniversitesi Kuzey Kıbrıs Kampusu (ODTÜ-KKK), Güzelyurt, Cyprus (Kktc), 2010

XVII. Ulusal Astronomi Kongresi, Attendee, Çukurova Üniversitesi, Adana., Turkey, 2010

"IRAF & Tayfsal Analiz" VI. Temel Bilimler Lisansüstü Yazokulu, Attendee, İstanbul Kültür Üniversitesi, İstanbul., Turkey, 2008

XV. Ulusal Astronomi Kongresi, Attendee, İstanbul Kültür Üniversitesi, İstanbul, Turkey, 2006

Amatör Astronomi Sempozyumu,, Attendee, İstanbul Kültür Üniversitesi, İstanbul, Turkey, 2005

XIV. Ulusal Astronomi Kongresi, Kayseri, Attendee, Kayseri, Turkey, 2004

## Citations

Total Citations (WOS):50

h-index (WOS):4