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ABOUT ME

I am a young passionate astronomer, and I study the most energetic events of the universe.

EDUCATION

2006 - 2011 BSc.

Kocaeli University

2012 – 2014 MSc.

Yildiz Technical University

2015 – ongoing PhD.

Yildiz Technical University

2018 – ongoing PhD.

Leiden Observatory

LANGUAGES

English ● ● ● ● ●

Italian ● ● ● ● ●

Turkish ● ● ● ● ●

COMPUTER SKILLS

Python ● ● ● ● ●

C++ ● ● ● ● ●

Operating Systems ● ● ● ● ●

(Windows, OSX, Linux)

HTML ● ● ● ● ●

PERSONAL

Team Work ● ● ● ● ●

Self ● ● ● ● ●

Creativity ● ● ● ● ●

Management ● ● ● ● ●

Leadership ● ● ● ● ●

RESEARCH EXPERIENCE

Researcher (MSc.) Coordinatorship of Scientific Research Project of Yildiz Technical University 2011 – 2014 Project Number: #2013-01-01-YL01.

Researcher (MSc.) The Scientific and Technological Research Council of Turkey 2012 – 2016 Project Number: #113F117

Researcher (PhD) The Scientific and Technological Research Council of Turkey 2016 – 2017 Project Number: #115F030

Researcher (PhD) The Deutsche Forschungsgemeinschaft (DFG) Grant 2017 – 2019 Project Number: #SSP 1573

WORKING EXPERIENCE

Marketing Strategy Analyst Barem Research 2009-2012

www.barem.com.tr

International Sales Analyst Semtech Electronic 2012-2013

www.semtech.com.tr

PUBLICATIONS

XMM-Newton view of X-ray overdensities from nearby galaxy clusters : the environmental dependencies - Caglar&Hudaverdi 2017, MNRAS, 471, 4990

Dynamical history of binary galaxy cluster : Abell 3653 - Caglar & Hudaverdi 2017, MNRAS, 472, 2633

An off-axis galaxy cluster merger : Abell 0141 - Caglar 2018, MNRAS, 475, 2870

LLAMA : The M- σ relation of local type 1 AGNs – Caglar et al. 2020, A&A, 634, 114

Co-Author

A pre-merger stage galaxy cluster : Abell 3733 – Kaya et al. 2019, MNRAS, 485, 4550

A New Mid-Infrared Diagnostic for Absorption in Active Galactic Nuclei – Pfeifle et al. 2021

DR2 : broad-line based black hole mass estimations and biases from obscuration – Mejía-Restrepo et al. in prep.

Peering into the hidden BLR : constraining the virial factor in obscured X-ray selected local AGNs – Ricci et al. in prep.

REFERENCES

Leonard Burtscher, Phd

Leiden University

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Bernhard Brandl, Professor

Leiden University

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Michael Koss, Phd

Eureka Scientific

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Murat Hudaverdi, Phd

Yildiz Technical University

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HOBBIES



Local Luminous AGN and Matched Analogues (LLAMA) <http://www.mpe.mpg.de/ir/AGN>

The BAT AGN Spectroscopic Survey (BASS) <https://www.bass-survey.com>

CONFERENCES

66th Fujihara Seminar X-Raying the Gamma-Ray Universe – November 2013 - Kanagawa-ken Japan

Feza Gursey Cosmology Summer School - Bosphorus University – August 2013 – İstanbul Turkey

Hakki Ögalman Astronomy Summer School - Bosphorus University - September 2013 –İstanbul Turkey

14th XMM-Newton SAS Workshop – ESA – June 2014 - Madrid Spain

Feza Gursey Cosmology Summer School - Bosphorus University - August 2014 – İstanbul Turkey

International Conference on Computational and Experimental Science and Engineering -24 October 2014 - Antalya Turkey

19th Turkish National Astronomy Congress (UAK) – February 2015 - Ankara Turkey

Feza Gursey Cosmology Summer School – Bosphorus University – August 2015 – Istanbul Turkey

Second Cosmology School – July 2016 – Kielce Poland

Feza Gursey Cosmology Summer School - Bosphorus University - August 2015 – İstanbul Turkey

Feza Gursey Cosmology Summer School – Bosphorus University – August 2016 – Istanbul Turkey

Netherlands Astronomy Conference – May 2018 – Groningen the Netherlands

21th Turkish National Astronomy Congress (UAK) – Sep 2018 - Kayseri Turkey

Nova School– Oct 2018 – Dwingeloo the Netherlands

Summer School on Supermassive Black Holes – August 2018 - Asiago, Italy

Netherlands Astronomy Conference – May 2019 – Groningen the Netherlands

Astrophysics of Hot Plasma in Extended X-Ray Sources – June 2019 – Madrid Spain

European Week of Astronomy and Space Science – June 2019 – Lyon France

European Week of Astronomy and Space Science – June 2020 – Leiden the Netherlands (online)

SOCIAL RESPONSIBILITY PROJECTS

Astronomy on Tap Leiden – Social Media Management - <https://astronomyontap.org/author/aotleiden>

Space in your living room – Outreach - www.space-eu.org/

Runarchy Running Project – Founder - <https://www.runarchy.org/>

Redbull Wings For Life Izmir – Organisation support team - <https://www.wingsforlifeworldrun.com/tr>

One Million Oak Seed Project – Activist/Organisation Supporter - www.tema.org.tr/