

Lect. PhD EMİNE YILDIRIM

Personal Information

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Education Information

Doctorate, University of Southampton, Faculty Of Physical Sciences And Engineering, Physics, United Kingdom 2013 - 2017

Post Graduate, University of Sussex, School Of Mathematical And Physical Sciences, Particle Physics, United Kingdom 2011 - 2012

Under Graduate, Erciyes University, Fen Fakultesi, Fizik, Turkey 2005 - 2009

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Phenomenological aspects of elementary and composite Higgs models, University of Southampton, Faculty Of Physical Sciences And Engineering,, Physics,, 2017

Post Graduate, Review of The Higgs Mechanism in The Standard Model, University of Sussex, School Of Mathematical And Physical Sciences,, Particle Physics,, 2012

Research Areas

Physics, Basic Particles and Areas, General Theory of Particles and Fields, Special reactions and phenomonology, Natural Sciences

Academic Titles / Tasks

Lecturer PhD, Karadeniz Technical University, Fen Fakultesi, Fizik, 2018 - Continues

Lecturer PhD, Adiyaman University, Fen Edebiyat Fakultesi, Fizik, 2018 - 2018

Courses

PHYSICS II, Under Graduate, 2019 - 2020

Physics I, Under Graduate, 2020 - 2021

FIZIK II, Under Graduate, 2019 - 2020

MESLEKI INGILIZCE, Under Graduate, 2020 - 2021

Genel Fizik, Under Graduate, 2019 - 2020

Physics-II, Under Graduate, 2018 - 2019
PHYSICS I, Under Graduate, 2019 - 2020
FIZIK I, Under Graduate, 2019 - 2020
Physics-I, Under Graduate, 2018 - 2019

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

- I. **Light charged Higgs boson scenario in 3-Higgs doublet models**
Akeroyd A. G. , Moretti S., Yagyu K., Yildirim E.
INTERNATIONAL JOURNAL OF MODERN PHYSICS A, vol.32, 2017 (Journal Indexed in SCI)
- II. **LHC phenomenology of composite 2-Higgs doublet models**
De Curtis S., Moretti S., Kei Yagyu K. Y. , Yildirim E.
EUROPEAN PHYSICAL JOURNAL C, vol.77, 2017 (Journal Indexed in SCI)
- III. **Single and double SM-like Higgs boson production at future electron-positron colliders in composite 2HDMs**
De Curtis S., Moretti S., Yagyu K., Yildirim E.
PHYSICAL REVIEW D, vol.95, 2017 (Journal Indexed in SCI)
- IV. **Prospects for charged Higgs searches at the LHC**
Akeroyd A. G. , Aoki M., Arhrib A., Basso L., Ginzburg I. F. , Guedes R., Hernandez-Sanchez J., Huitu K., Hurth T., Kadastik M., et al.
EUROPEAN PHYSICAL JOURNAL C, vol.77, 2017 (Journal Indexed in SCI)
- V. **Perturbative unitarity bounds in composite two-Higgs doublet models**
De Curtis S., Moretti S., Yagyu K., Yildirim E.
PHYSICAL REVIEW D, vol.94, 2016 (Journal Indexed in SCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Theory and Phenomenology of Composite 2-Higgs Doublet Models**
De Curtis S., Moretti S., Yagyu K., YILDIRIM E.
CHARGED 2016, Uppsala, Sweden, 3 - 06 October 2016, vol.286, pp.1-6
- II. **Light charged Higgs boson scenario in 3HDMs**
Yagyu K., Akeroyd A. G. , Moretti S., YILDIRIM E.
Charged 2016, Uppsala, Sweden, 3 - 06 October 2016, vol.286, pp.1-6

Invited Congress and Symposium Activities

NSP2018, Attendee, Trabzon, Turkey, 2018
PASCOS 2017, Attendee, Madrid, Spain, 2017
Annual Theory Meeting 2016, Attendee, United Kingdom, 2016
Prospects for Charged Higgs Discovery at Colliders (CHARGED 2016), Attendee, Uppsala, Sweden, 2016
Workshop on Multi-Higgs Models, Attendee, Lisbon, Portugal, 2016
IOP Institute of Physics Conference, Attendee, Brighton, United Kingdom, 2016
YOUNG THEORISTS' FORUM 8, Attendee, Durham, United Kingdom, 2016
YETI 2016, Attendee, Durham, United Kingdom, 2016
Scalars 2015, Attendee, Warszawa, Poland, 2015
UK HEP Forum 2015, Attendee, Abingdon, United Kingdom, 2015
Fifth Next PhD Workshop, Attendee, Abingdon, United Kingdom, 2015
Higgs Centre School of Theoretical Physics, Attendee, Edinburgh, Scotland, 2015

GGI LECTURES ON THE THEORY OF FUNDAMENTAL INTERACTIONS, Attendee, Florence, Italy, 2015

Zuoz 2014 PSI Summer School, Attendee, Zuoz, Switzerland, 2014

44th British Universities Summer School in Theoretical Elementary Particle Physics, Attendee, Southampton, United Kingdom, 2014

Citations

Total Citations (WOS):67

h-index (WOS):4

Scholarships

Turkish Ministry of Education Scholarship for the Ph. D. Degree in the UK., Ministry of Education, 2013 - 2017

Turkish Ministry of Education Scholarship for the M.Sc Degree in the UK., Ministry of Education, 2010 - 2012