

Year 4
Issue 9
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Faculty of Arts and Sciences Academic Activities Report

► Anthropology

❖ *Jury Membership*

- **Prof. Ebru KAYAALP** attended the thesis proposal meeting of Amina Yarar, a PhD student in the Anthropology department.
- **Prof. Egemen YILGÜR** attended the thesis proposal meeting of Amina Yarar, a PhD student in the Anthropology department.

❖ *Project*

- **Prof. Ebru KAYAALP** was elected to the Management Committee for the 4-year project titled "CA 23126 AlertHub: Warning Communication Knowledge Network" under the *European Cooperation in Science and Technology (COST)*.

► Philosophy

❖ *Symposium Participation*

- **Asst. Prof. Levent KAVAS** gave a presentation titled "Wittgenstein" at the Dil ve Zihin Felsefesi Kampı, organized by Göçebe Düşünce Derneği / Gümüşlük Akademisi.
- **Asst. Prof. Levent KAVAS**, Assistant Professor, presented a paper titled "Keçiboynuzuyla damla sakızı" at the *Mit ve Tragedya Kampı*, organized by Göçebe Düşünce Derneği / Gümüşlük Akademisi.

► Physics

❖ *Jury Membership*

- **Asst. Prof. Ercüment AKAT** served as a jury member for a master's thesis defense at the Physics Department of Yıldız Technical University (July 11).
- **Asst. Prof. Ercüment AKAT** served as a jury member for a master's thesis defense at the Physics Department of Yıldız Technical University (July 11).
- **Asst. Prof. Ercüment AKAT** served as a jury member for a doctoral thesis defense at the Physics Department of Yeditepe University (July 29).
- **Asst. Prof. Melda Patan ALPER** served as a jury member for a doctoral thesis defense at the Physics Department of Yıldız Technical University (August 28).

❖ *Publication*

- **Asst. Prof. Serhat IŞTIN**, among the authors of *The ATLAS Collaboration*'s paper titled "Calibration of a soft secondary vertex tagger using proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS detector," published in *Physical Review D (PRD)*.
- **Asst. Prof. Serhat IŞTIN**, among the authors of *The ATLAS Collaboration*'s paper titled "Search for the non-resonant production of Higgs boson pairs via gluon fusion and vector-boson fusion in the $b\bar{b}\tau^+\tau^-$ final state in proton-proton collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector," published in *Physical Review D (PRD)*.
- **Asst. Prof. Serhat IŞTIN**, among the authors of *The ATLAS Collaboration*'s paper titled "Search for low-mass resonances decaying into two jets and produced in association with a photon or a jet at $\sqrt{s}=13$ TeV with the ATLAS detector," published in *Physical Review D (PRD)*.
- **Asst. Prof. Serhat IŞTIN**, among the authors of *The ATLAS Collaboration*'s paper titled "Search for charged-lepton-flavour violating $\mu\tau$ interactions in top-quark production and decay in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector at the LHC," published in *Physical Review D (PRD)*.
- **Asst. Prof. Serhat IŞTIN**, among the authors of *The ATLAS Collaboration*'s paper titled "Search for pair-produced higgsinos decaying via Higgs or Z bosons to final states containing a pair of photons and a pair of b -jets with the ATLAS detector," published in *Physics Letters B*.
- **Asst. Prof. Serhat IŞTIN**, among the authors of *The ATLAS Collaboration*'s paper titled "Search for heavy Majorana neutrinos in e^+e^- and $e^+e^-\mu^+$ final states via WW scattering in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector," published in *Physics Letters B*.

- **Asst. Prof. Serhat IŞTIN**, among the authors of *The ATLAS Collaboration*'s paper titled "Search for heavy neutral Higgs bosons decaying into a top quark pair in 140 fb⁻¹ of proton-proton collision data at $\sqrt{s}=13$ TeV with the ATLAS detector," published in *Journal of High Energy Physics 08 (JHEP)*.
- **Asst. Prof. Serhat IŞTIN**, among the authors of *The ATLAS Collaboration*'s paper titled "Combination of searches for Higgs boson decays into a photon and a massless dark photon using pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector," published in *Journal of High Energy Physics 08 (JHEP)*.
- **Asst. Prof. Serhat IŞTIN**, among the authors of *The ATLAS Collaboration*'s paper titled "Observation of electroweak production of W^+W^- in association with jets in proton-proton collisions at $\sqrt{s}=13$ TeV with the ATLAS Detector," published in *Journal of High Energy Physics 07 (JHEP)*.
- **Asst. Prof. Serhat IŞTIN**, among the authors of *The ATLAS Collaboration*'s paper titled "A search for top-squark pair production, in final states containing a top quark, a charm quark, and missing transverse momentum, using the 139 fb⁻¹ of pp collision data collected by the ATLAS detector," published in *Journal of High Energy Physics 07 (JHEP)*.
- **Asst. Prof. Serhat IŞTIN**, among the authors of *The ATLAS Collaboration*'s paper titled "Inclusive and differential cross-section measurements of $t\bar{t}Z$ production in pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector, including EFT and spin-correlation interpretations," published in *Journal of High Energy Physics 07 (JHEP)*.
- **Asst. Prof. Serhat IŞTIN**, among the authors of *The ATLAS Collaboration*'s paper titled "Search for leptoquark pair production decaying into $t\bar{t}e^+$ or $t\bar{t}\mu^-$ in multi-lepton final states in pp collisions at $\sqrt{s} = 13$ TeV with the ATLAS detector," published in *The European Physical Journal C 84 (EPJ C)*.
- **Asst. Prof. Serhat IŞTIN**, among the authors of *The ATLAS Collaboration*'s paper titled "Search for flavour-changing neutral-current couplings between the top quark and the Higgs boson in multi-lepton final states in 13 TeV pp collisions with the ATLAS detector," published in *The European Physical Journal C 84 (EPJ C)*.
- **Asst. Prof. Serhat IŞTIN**, among the authors of *The ATLAS Collaboration*'s paper titled "Search for short- and long-lived axion-like particles in $H \rightarrow a \rightarrow 4\gamma$ decays with the ATLAS experiment at the LHC," published in *The European Physical Journal C 84 (EPJ C)*.
- **Asst. Prof. Melda Patan ALPER**'s paper titled "Calibration Method of Clinical Type Infrared Thermometers and Estimation Uncertainty in Different Blackbody Cavities" was published in *IEEE Instrumentation & Measurement Magazine*.

► Mathematics

❖ *Jury Membership*

- **Prof. Dr. Mustafa POLAT** served as a jury member for Faruk Develi's thesis defense from the Department of Mathematics, Yıldız Technical University, (August 2).

❖ *Workshop Participation*

- **Res. Asst. Esmanur Yıldız AKIL** presented a paper titled "Transition Dynamics of Reaction-Diffusion Equations at the k -th Eigenvalue" at *35th International Workshop on Operator Theory and its Applications, Kent University, Canterbury, UK* (12-16 August).

► Psychology

❖ *Project*

- **Asst. Prof. Burcu ÜNLÜTABAK** was assigned as a visiting researcher at the University of Regensburg under the *Erasmus Staff Training Mobility program*.

❖ *Publication*

- **Asst. Prof. Burcu ÜNLÜTABAK**'s paper titled "Theory of Mind Performance of Large Language Models: A Comparative Analysis of Turkish and English" was published in *Computer Speech & Language*.

► History

❖ *Publication*

- **Prof. Ahmet TAŞAĞIL**'s paper titled "Eski Türklerde Bozkurt'un Önemi" was published in *Türk Dünyası Tarih Kültür Dergisi*, vol. 76, issue 451.

► Turkish Language and Literature

❖ *Jury Membership*

- **Prof. Ali BUDAK** participated as a jury member in doctoral thesis defence at Mimar Sinan Fine Arts University (August 6).
- **Prof. Ali BUDAK** participated as a jury member in doctoral thesis defence at Mimar Sinan Fine Arts University (August 6).

❖ *Book*

- **Prof. Mehmet KANAR**'s edition of Ahmet Mithat Efendi's work titled "Felatun Bey ile Rakım Efendi" has been published by Ayrıntı Yayınları.

❖ *Publication*

- **Prof. Mehmet KANAR**'s translation of Muallim Naci's work titled "Kebûter (Pigeon), Kuzu" has been published in the journal Tecrit.
- **Prof. Mehmet KANAR**'s translation of the work titled "Sadî'den On Rubai" has been published in the journal Tecrit.