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Volume 24 - 19th Clay'2023 - Special Issue 2023



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Eskiőehir Technical University Journal of Science and Technology A - Applied Sciences and Engineering (ESTUJST-A) is a peer-reviewed and refereed international journal published by Eskiőehir Technical University. Since 2000, it has been regularly published and distributed biannually and it has been published quarterly and only electronically since 2016.

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Guyon I, Elisseeff A. An introduction to variable and feature selection. *J Mach Learn Res* 2003; 3: 1157-1182.

Izadpanahi S, Ozcinar C, Anbarjafari G, Demirel H. Resolution enhancement of video sequences by using discrete wavelet transform and illumination compensation. *Turk J Elec Eng & Comp Sci* 2012; 20: 1268-1276.

Books

Haupt RL, Haupt SE. *Practical Genetic Algorithms*. 2nd ed. New York, NY, USA: Wiley, 2004.

Kennedy J, Eberhart R. *Swarm Intelligence*. San Diego, CA, USA: Academic Press, 2001.

Chapters in books

Poore JH, Lin L, Eschbach R, Bauer T. Automated statistical testing for embedded systems. In: Zander J, Schieferdecker I, Mosterman PJ, editors. *Model-Based Testing for Embedded Systems*. Boca Raton, FL, USA: CRC Press, 2012. pp. 111-146.

Conference proceedings

Li RTH, Chung SH. Digital boundary controller for single-phase grid-connected CSI. In: *IEEE 2008 Power Electronics Specialists Conference*; 15–19 June 2008; Rhodes, Greece. New York, NY, USA: IEEE. pp. 4562-4568.

Theses

Boynukalın Z. *Emotion analysis of Turkish texts by using machine learning methods*. MSc, Middle East Technical University, Ankara, Turkey, 2012.

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19th National Clay Symposium

The nineteenth of the National Clay Symposiums, traditionally organised by different universities every two years, was held between 6-9 September 2023, hosted by Eskişehir Technical University Faculty of Science, Physics and Chemistry Departments, with the support of institutions and organisations in our region, especially the Clay Sciences Association.

The fifth of the eighteen national clay symposiums held in the last 36 years was organised on 16-20 September 1991 by Anadolu University, Faculty of Arts and Sciences, Department of Physics in Eskişehir, with the contributions of the Turkish National Committee on Clay Sciences. After 32 years, Eskişehir Technical University hosted the participants of the National Clay Symposium for the second time on the 100th Anniversary of the Founding of our Republic.

This symposium was organised with the participation of many researchers and academicians from different universities, institutions and organisations in our country. 4 invited talks, 75 oral and 11 poster presentations were presented at the symposium. These papers include clay mineralogy, geology and geochemistry of clays; structures of clay minerals; physical and chemical properties; nano clay, nanocomposite; organoclays and their applications; geotechnical properties of clays; industrial and engineering applications; use in ceramics; the clay in hydrothermal and ore-forming systems; clay and archaeology; clay and health; clay and art; sepiolite/meerschaum; zeolite; clay and climate.

I would like to thank Eskişehir Technical University Rector Prof. Dr Adnan ÖZCAN, Vice Rectors Prof. Dr Yunus ÖZDEMİR and Prof. Dr. Onur KAYA, Members of the Organizing and Scientific Board, President of the Clay Sciences Association Prof. Dr. Asuman TÜRKMENOĞLU and the Board Members of the Association for providing all kinds of support in the realisation of the symposium. I want to thank the supporting organisations and hope the symposium will contribute to science.

The papers presented at the symposium and sent in full text were evaluated in the referee process to be published in the special issue of Eskişehir Technical University Journal of Science and Technology A- Applied Sciences and Engineering.

This special issue includes six articles recommended by the authors for publication and accepted for publication after being peer-reviewed.

Before concluding, we would like to take this opportunity to thank all the authors who submitted their work to ESTUJUST-A. We are also thankful to the journal's Editor-in-Chief, Prof. Dr. Semra KURAMA, to reviewers for carefully revising published articles, to the scientific board for their devotion, and to everyone who contributed to this issue.

Prof. Dr. Sedef DİKMEN

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