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Asst. Prof. Dr. Umut Özkaya

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INTRODUCTION

We had the great honor of organizing the 2nd International Conference on Scientific and Academic Research ICSAR 2023. It was truly a great pleasure for us to greet a lot of participants from many different countries attending ICSAR 2023! We firmly believe that the conference will become an important international event in the field of cross-industry discussion about innovations in Academic Studies.

ICSAR 2023 was organized by All Science Academy located in Konya, Turkey.

Three cooperating organizations supported the four-day conference. There were 275 papers accepted for presentation at ICSAR 2023, contributed from different countries. We had plenary speeches and several well-known scientists and experts, to give invited talks at differentsessions.

The purpose of ICSAR 2023 was to provide a forum for the participants to report and review innovative ideas, with up-to-date progress and developments, and discuss novel approaches to the application in the field of their own research areas and discuss challenges of doing science.

We sincerely hope that the exchange of ideas on doing research, science and improving education will help the participants, and international cooperation sharing the common interest will be enhanced.

On behalf the Organization Committee of ICSAR 2023, we would like to heartily thank our cooperating organizations for all they have done for the conference. We would also like to thank the authors for their contribution to the proceedings; the participants and friends of ICSAR 2023, for their interest and efforts in helping us to make the conference possible; and the Editorial boards for their effective work and valuable advice, especially the ICSAR 2023 secretariat and the ICSAR 2023 staff, for their tireless efforts and outstanding services in preparing the conference and publishing the Proceedings.

Asst. Prof. Dr. Umut Özkaya

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560	Divalent metals of ionic conductors in system Na2ZnP2O7 glasses	Cherif MAGHNI, Chouaieb ZAOUCHE, Abdelouahab GAHTAR and Said BENRAMACHE	Algeria, Algeria, Algeria, Algeria	Submission 70
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569	Spectral, modeling and biological studies on a novel organic compound	Fatima Zohra Boudjenane, Nourdine Boukabcha, Ahmed Abdelmoula, Abdelkader Chouaih	Algeria, Algeria, Algeria, Algeria	Submission 85
570	X-ray diffraction and infrared spectroscopy analysis of the synthesized LDH based on Cr and Zn	Fatima Zohra Boudjenane, Nourdine Boukabcha, Ahmed Abdelmoula, Abdelkader Chouaih	Algeria, Algeria, Algeria, Algeria	Submission 86
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703	Improving of the historic indoor thermal comfort for contribute to the preservation of traditional ottoman houses in the Medina of Algiers	BENCHEKROUN Marwa, BABA SLIMANE Nour El Houda	Algeria, Algeria	Submission 6
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Türkiye dışından toplam 25 farklı ülkeden (Cezayir, Pakistan, Arnavutluk, Macaristan, Hindistan, Azerbaycan, Türkiye, Ukrayna, Malezya, Endonezya, Katar, Polonya, Nijerya, Umman, Fas, Fransa, Tunus, Yunanistan, Filistin, Irak, İtalya, Mısır, Suudi Arabistan, İran, Gana) katılım sağlanmış olup, 275 adet bildirinin 152 (%55,27) tanesi yabancı katılımcı tarafından sunulmuştur.

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Saygılarımızla,



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Examination of the Relationship Between Existing Playground Designs and Children's Fundamental Movement Skills

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Abstract – A limited number of children receive proper physical education between the ages of 0-6 which is the main period for children to learn fundamental movement skills (FMS). In contrast to physical education opportunities, most of the children have access to neighborhood playgrounds. Proper interventions and improvements to playground designs may be the easiest and most efficient way to provide for many children to develop the FMS they need to acquire in their early years. This study aims to investigate the efficiency of the existing playground equipment and to provide an answer to the question regarding the qualification of existing playgrounds in terms of children's FMS. The method of this study consists of three main steps; the first step is to analyze the commonly used assessment tools for FMS development to generate a list of mostly assessed movement skills. The second step is to inspect the mostly preferred playgrounds in the study area and analyze every piece of equipment they have, and finally to correlate the results from the first two steps. The results reached in the study were evaluated based on the level of competence gained by playground designs in terms of providing opportunities for necessary physical movements and their support rates for basic movements. It is thought that the interpretation of the study results will provide insight and a detailed guide in the early stages of the design process for future playground designs.

Keywords – Child Development, Physical Development, Fundamental Movement Skills, Playground Equipment, Playground Design