

Fritz Scholz

## Professor Doron Aurbach has joined the Editorial Board

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It is a great honour for me to announce that Professor Doron Aurbach from Bar Ilan University (BIU), Ramat-Gan, Israel, agreed to serve on the Editorial Board of the *Journal of Solid State Electrochemistry*. Doron Aurbach was born in 1952 in Israel. He completed his undergraduate studies in chemistry at BIU (B.Sc. in Chemistry 1978) and in chemical engineering (B.A. Chemical Engineering, 1982), and his graduate studies and research in physico-organic chemistry at Technion – Israel Institute of Technology (M.A. 1980). In 1983 he obtained his Ph.D. from BIU. From 1983 to 1985 he joined the group of E. B. Yeager (Case Western Reserve University, Cleveland, USA) as a postdoctoral fellow. After his return to BIU he founded a very active electrochemistry and surface spectroscopy group at BIU. Doron Aurbach is a leading electrochemist who has made remarkable contributions to various fields of electrochemistry, e.g., electrochemistry of non-aqueous, dipolar aprotic solvents; electrochemical/intercalation reactions; high-energy-density batteries (lithium, Li ion, magnesium); spectroscopic methods in electrochemistry; conducting polymers; aluminum electrochemistry, carbon electrochemistry and material science related to energy storage and conversion. Together with Tadiran, Israel, Doron Aurbach and his collaborators have developed rechargeable Li battery systems with Li metal

anodes that were commercialized. He continues to work with Tadiran on R&D of materials for advanced Li batteries within the framework of the 5<sup>th</sup> and 6<sup>th</sup> programs of the European Commission. He has for the first time developed rechargeable magnesium batteries which are very promising. For this purpose, he invented novel electrolyte solutions in which Mg anodes behave highly reversibly, and he also developed Mg insertion cathodes. Professor Aurbach has a very active collaboration with various companies inside and outside Israel, e.g. with ECR-AVX, Israel, Merck, Germany, and LG-Korea. Since 1996 Professor Aurbach chairs the Department of Chemistry at Bar Ilan University. He is the author of more than 220 publications in peer-reviewed journals; he edited the book “Nonaqueous Electrochemistry” (Marcel Dekker), and he wrote 7 chapters in various monographs on electrochemistry. It is not surprising that his applied research resulted in a number of patents. Doron is a well-known speaker at many conferences where he shares his enthusiasm, experience and wisdom with his colleagues from all over the world. It was at a conference in Goa, India, when Doron agreed to join the Editorial Board, promising that he will support the *Journal of Solid State Electrochemistry* with his personal advice. I am very much looking forward to this cooperation