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Metal Fluorides

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Message from the Guest Editor

Dear Colleagues,

Metal fluorides are of interest for many different applications in metallurgy, such as optical materials (e.g., solid-state lasers, luminophores, scintillators or antireflective coatings), uranium isotope separation, sensing (e.g., fluoride sensitive electrodes), and catalysis (e.g., heterogeneously catalysed fluorination reactions). An outstanding bust of interest over recent years arose from energy storage applications. For many applications, nano metal fluorides have gained an enormous level of attraction over the past 20 years because properties of nanoscopic compounds usually differ drastically from those of classically-prepared analogues. Inspired by the great potential of applications that these materials have gained, it is the intention of this Special Issue to provide an overview on several aspects of metal fluoride chemistry. This Special Issue "Metal Fluorides" in *Inorganics* will take stock of the efforts and results of the many groups that have made evident progress in the field of metal fluorides.

Prof. Dr. Erhard Kemnitz

Guest Editor

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Editor-in-Chief

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Message from the Editor-in-Chief

Inorganic chemistry remains a lynchpin of modern chemistry, not only embracing the function and reactivity of combinations of most elements of the periodic table, but also providing a footing for studies of materials, catalysts, drugs, fuels and industrial chemicals. Arguably, the role and reach of inorganics in society have never been as great as today. Adventurous research at the heart and at the extremes of inorganic chemistry is vital to further advances and Inorganics offers authors the opportunity to publish exciting new research in an open access format.

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