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Abstract for an Invited Paper
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Entropy descriptors and Entropy Stabilized Oxides

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In this presentation we will discuss the development of entropy descriptors for the AFLOWLIB.org ab-initio repository and the path leading to the synthesis of the novel entropy stabilized oxides. [Nat. Comm. 6:8485 (2015)]. Research sponsored by DOD-ONR N000141310635 and N000141512863.