

16:10-16:25 Coffee Break

Chair N. Kojima (U of Tokyo)

16:25-16:50 [M. Kaplan \(Boston, USA\)](#) "Vibronic orbital magnetism"

16:50-17:15 [A. Stroppa \(L'Aquila, Italy\)](#) "Polar and magneto-electric properties of anti-ferrodistortive ordered Jahn-Teller distortions in a metal-organic multiferroic"

17:15-17:40 [V. Hyzynakov \(Tartu, Estonia\)](#) "Optical Jahn-Teller effect: contribution of phonons"

17:40-18:05 [B. Tsukerblat \(Be'er Sheva, Israel\)](#) "Electronic and vibronic problems in nanosized mixed valence clusters: advances and challenges"

18:05-19:00 Poster Session I

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## **Tuesday, 28 August 2012**

9:00-17:00 Registration Desk

9:00- 9:30 Poster Session I

Chair H. Nakai (Waseda U)

9:30-10:05 [A. Bohm \(Austin, USA\)](#) "The uses of groups and semigroups in quantum theory"

10:05-10:40 [W. Domcke \(Munich, Germany\)](#) "Jahn-Teller theory beyond the standard model"

10:40-11:15 [D. Yarkony \(Baltimore, USA\)](#) "Computational Studies of the Role of Conical Intersections in the Spectra of Jahn-Teller molecules and their substitutional isomers"

11:15-11:30 Coffee Break

Chair J. Zwanziger (Dalhousie U)

11:30-12:05 [W. Ernst \(Graz, Austria\)](#) "Homo- and heteronuclear alkali trimers-conical intersections and spin-orbit coupling"

12:05-12:40 [C. A. Mead \(Savannah, USA\)](#) "Symmetry and degeneracy manifolds in Jahn-Teller molecules"

12:40-13:40 Lunch

Chair Y. Hatsugai (U of Tsukuba)

13:40-14:15 [J. Zwanziger \(Halifax, Canada\)](#) "Polarization and magnetization in solids: the geometric connection"

14:15-14:50 [Q. Niu \(Austin, USA\)](#) "Geometric phase effects on electronic properties"