CALCULUS ON SYMPLECTIC AND CONFORMAL FEDOSOV MANIFOLDS

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In the talk, I shall explain the alternatives to the de Rham complex on symplectic manifolds. The motivation comes from the geometric analysis on the complex projective space and we shall build a series of complexes reminding the Berstein-Gelfand-Gelfand resolutions in parabolic geometries. All this will be a report on ongoing joint work with Michael Eastwood.