Contribution ID: **1244**   Type: **Poster**

On 2D and 3D solitons in SU(2) gluodynamics

We plan to indicate the possibility of soliton existence in 2D and 3D SU(2) gluodynamics. Hamiltonians in terms of radial functions will be presented. Localized in space field distributions which provide local mimima to these hamiltonians are studied. Their physical implications are discussed.

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Track Classification: 02 - The Standard Model and Electroweak Symmetry Breaking