## Sixteenth Marcel Grossmann Meeting



Contribution ID: 40

Type: Invited talk in the parallel session

## Tutti Frutti method: recent developments in the PN/PM/SF treatment of the gravitational two-body problem

Thursday, 8 July 2021 16:30 (30 minutes)

The main features of the "Tutti Frutti method" which has allowed reaching the 6PN level of accuracy (modulo a few still unknown parameters) in the relativistic treatment of the two-body system will be briefly introduced and discussed. Special attention will be devoted to recent developments in the PN-PM structure of scattering angle of hyperboliclike encounters.

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**Session Classification:** Post-Newtonian and Post-Minkowskian Corrections for Binary Gravitating Systems

**Track Classification:** Binaries: Post-Newtonian and post-Minkowskian corrections for binary gravitating systems