

CHAMPS Chemistry and Mathematics in Phase Space
19th March 2019 - "Discovering Phase Space Structure and Reaction Mechanisms from Trajectory Data Sets"
Engineers House, Clifton, Bristol
Talks. 30 Minutes with additional 10 minutes for questions

| Tuesday 19th March 2019 | | |
|----------------------------------|------------------------------|--|
| 8.30 - 9:00 | <i>Welcome Remarks</i> | <i>Engineers House.</i> |
| 9.00 - 9.40 | <i>Ana Mancho</i> | <i>Title: Phase space geometry of discrete and time continuous dynamical systems</i> |
| 9.40 - 10.20 | <i>Victor Garcia-Garrido</i> | <i>Title: Lagrangian Descriptors: A Method for Revealing High-Dimensional Phase Space Structures</i> |
| 10.20 - 11.00 | <i>Florentino Borondo</i> | <i>Title: Unveiling the chaotic structure in phase space of molecular systems using Lagrangian descriptors</i> |
| <i>Coffee Break</i> | | |
| 11.30 - 12.10 | <i>Rigoberto Hernandez</i> | <i>Title: Exact Classical TST in Dissipative and Driven Chemical Dynamics</i> |
| 12.10 - 12.50 | <i>Fabio Revuelta</i> | <i>Title: Finite-barrier corrections for multidimensional barriers in colored noise</i> |
| <i>Lunch</i> | | |
| 1.50 - 2.30 | <i>Thomas Bartsch</i> | <i>Title: Chaotic transition states on the monkey saddle</i> |
| 2.30 - 3.10 | <i>Joerg Main</i> | <i>Title: Neural network approach for the dynamics and rate constants of multidimensional driven systems</i> |
| <i>Tea Break</i> | | |
| 3.45 - 4.45 | <i>Lightning Talks</i> | |
| <i>Final Remarks and Summary</i> | | |