



Workshop on invariant sets and blow-ups of vector fields

Room 248, Lehrstuhl A für Mathematik

Program:

Friday, October 21

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|---------------|--|
| 14:15 - 15:15 | Werner Seiler (Kassel): Geometric theory of differential equations |
| 15:15 - 16:15 | Werner Seiler: Q&A |
| 16:30 - 17:30 | Sebastian Walcher (Aachen): Poincare-Dulac normal forms and variants |
| 17:30 - 18:30 | Sebastian Walcher: Q&A |

Saturday, October 22

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| 9:30 - 10:30 | Peter de Maesschalck (Hasselt): Blow-ups: Theory and computation |
| 10:30 - 11:30 | Peter de Maesschalck: Q&A |
| 11:45 - 13:00 | Open discussion: Invariant sets (in particular invariant curves) near stationary points |
| 14:00 - 15:00 | Niclas Kruff (Aachen): Coordinate-free computation of normal forms |
| 15:00 - 16:00 | Final discussion |