



Department of Mathematics and Computer Science

7th Workshop on Kinetic Theory and Applications
Karlstad University, Sweden, June 19-21 2017

Programme

June 19 Monday

Room: 21A 342 (Eva Eriksson)

Morning session

Chair: B. Wennberg

09.40 – 09.50 Opening

09.50 – 10.25

June 20 Tuesday

Room: 21A 342 (Eva Eriksson)

Morning session

Chair: L. Söderholm

- 09.15 – 09.50 *Shock wave structure for polyatomic gases with large bulk viscosities*, K. Aoki (Taipei/Tainan)
- 09.50 – 10.25 *Macroscopic closures of kinetic equations beyond the monatomic gas*, G. Spiga (Parma)
- 10.25 – 11.00 *Modelling and numerical study of the polyatomic bi-temperature Euler system*, S. Brull (Bordeaux)
- 11.00 – 11.20 Coffee break
- 11.20 – 11.55 *Continuum limit for metamaterials: an inverse problem*, M. Pulvirenti (L'Aquila)
- 11.55 – 12.30 *Derivation of the linear Boltzmann-Vlasov equation from particle system*, C. Saffirio (Zürich)
- 12.30 – 14.00 LUNCH

Afternoon session

Chair: H. Andreasson

- 14.00 – 14.35 *Bose condensates in interaction with excitations; a coupled Gross-Pitaevskii and quantum-kinetic model*, L. Arkeryd (Gothenburg)
- 14.35 – 15.10 *On some quantum kinetic equations related to anyons*, A. Nouri (Marseille)
- 15.10 – 15.40 *CoeffTc -2()/CS0 CS 0 40 0 15 56(-1.6)3.8(d)7()8.6(G)1.8(r)4.3(o)7.1(s)7.9(s)T*

