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To whom it may concern

This is to certify that

Francesco Vecil

has participated in the Advanced Course

**Analysis, Modeling and Simulation of Collective Dynamics from Bacteria to
Crowds**

held in Udine from July 9 to July 13, 2012 and coordinated by Dr Adrian Muntean (Eindhoven University of Technology) and Dr Federico Toschi (Eindhoven University of Technology, The Netherlands).

Udine, July 13, 2012

