

Adhesive Mechanisms in Nature

SEMINAR AND PUBLIC THESIS DEFENCE

TUESDAY, 04.06.2019

WIAS seminar: *Wageningen Campus, Zodiac building, Room A0108 | De Elst 1, 6708 WD Wageningen*

Public thesis defence: *Aula, Wageningen University | Generaal Foulkesweg 1, 6703 BG Wageningen*

9.30 Reception with coffee and tea

9.55 Johan van Leeuwen
*Experimental Zoology Group,
Wageningen University & Research (NL)*

Introduction



10.00 Thomas Speck (seminar)
*Plant Biomechanics and Biomimetics,
University of Freiburg (GER)*

Adhesive mechanisms in climbing plants



10.30 Patrick Flammang (seminar)
*Biology of Marine Organisms and Biomimetics Unit,
University of Mons (BE)*

Adhesive mechanisms in marine invertebrates



11.00 Coffee and tea

11.15 Peter Niewiarowski (seminar)
*Department of Biology,
The University of Akron (USA)*
Sticking in geckos: an ecological perspective



11.45 Jon Barnes (seminar)
*Institute of Molecular Cell & Systems Biology,
University of Glasgow (UK)*
Wet but not slippery – adhesion and friction in tree frogs



12.15 Closure and lunch

16.00 Julian Langowski (public thesis defence)
*Experimental Zoology Group,
Wageningen University & Research (NL)*
**Getting a grip on tree frog attachment:
Structures, mechanisms, and biomimetic potential**



17.30 Reception

Organisation: *Experimental Zoology Group, Department of Animal Sciences, Wageningen University*

Sponsor: *Wageningen Institute of Animal Sciences (WIAS)*