

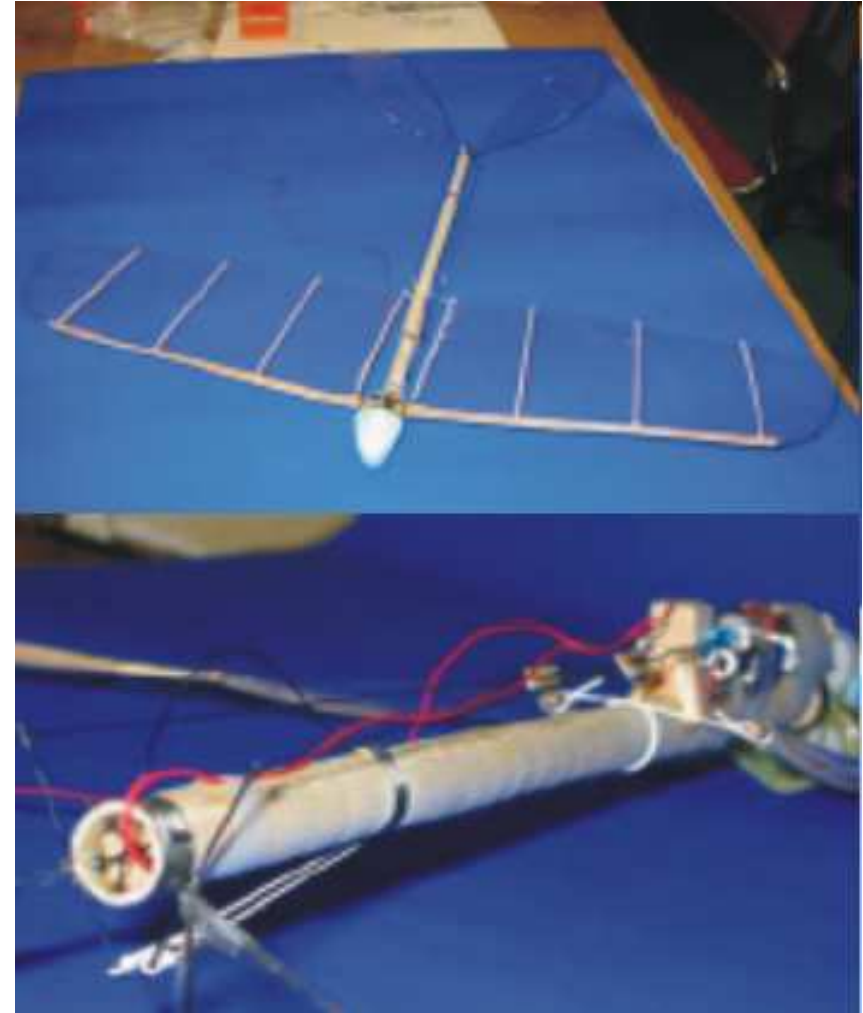
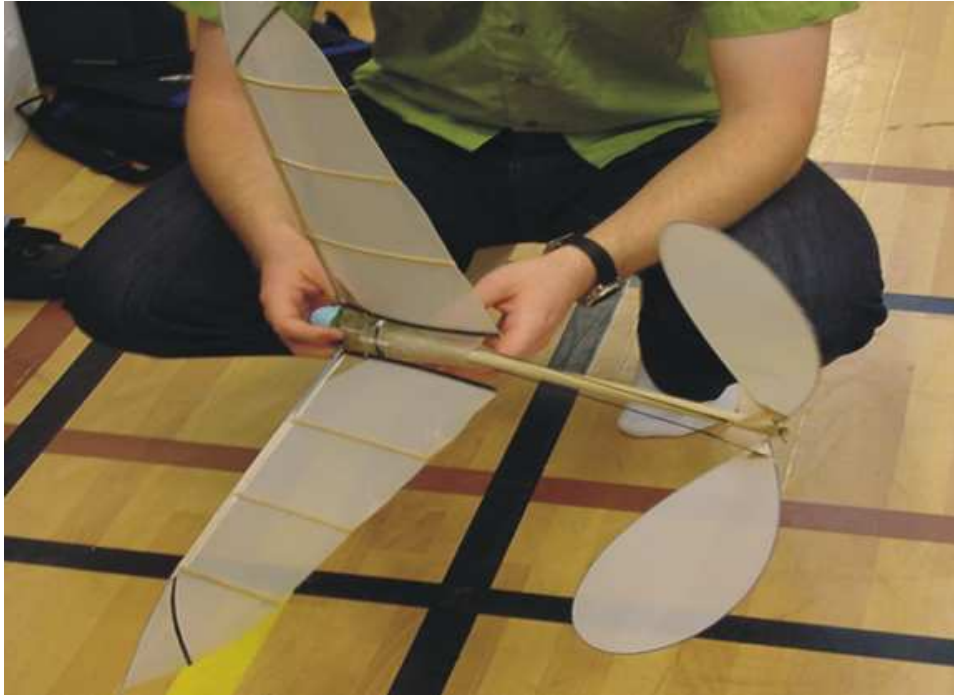
Aircraft Design at Linköping University

Patrick Berry LiTH

Student projects



Student ornithopter projects



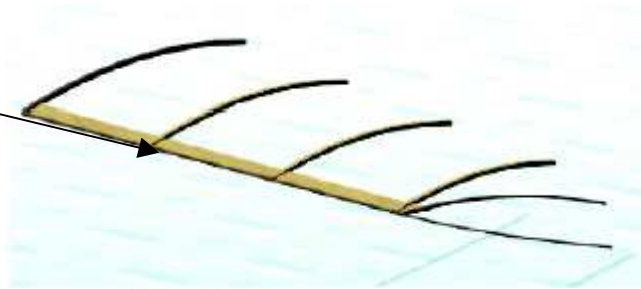
The Crow

- Student Project 2002
- Battery powered
- Radio controlled

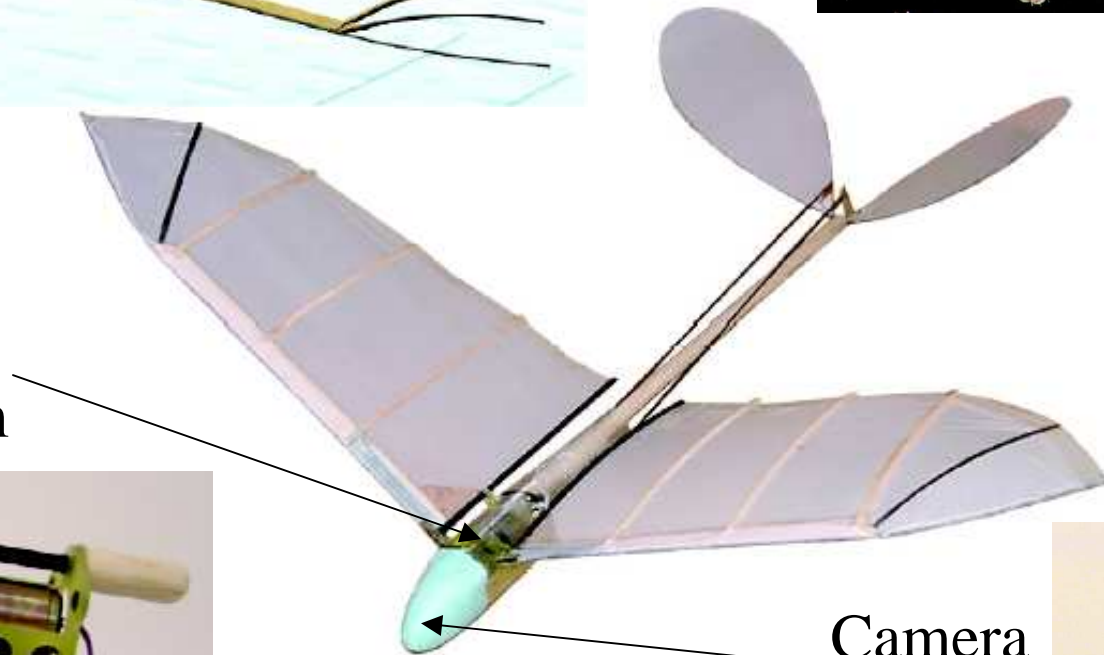
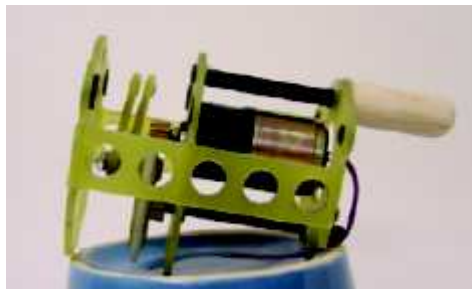


The Crow

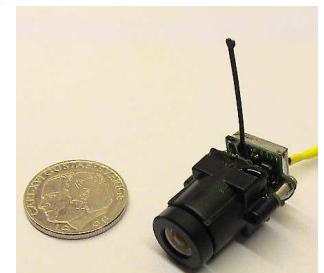
Membrane
wing



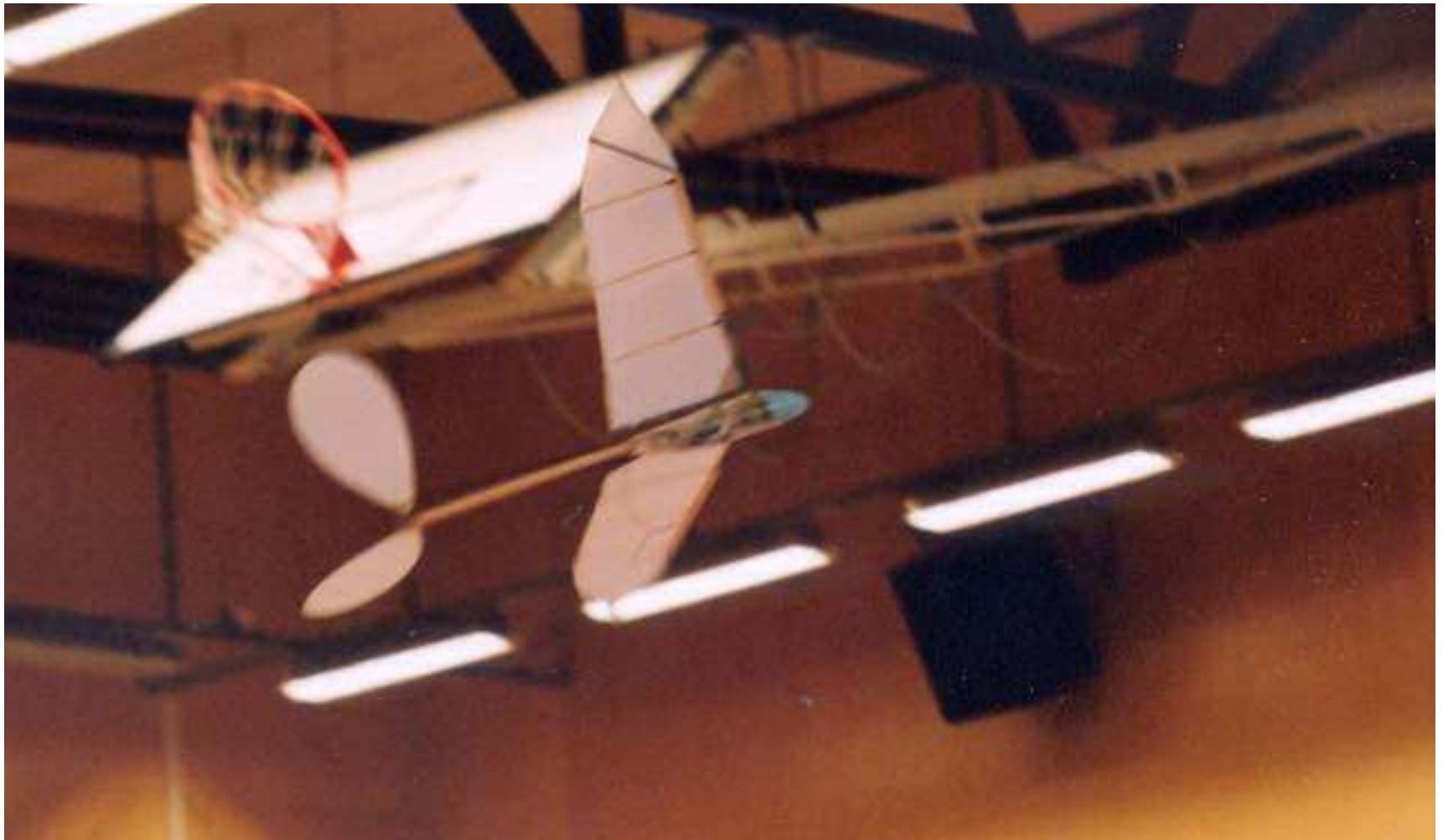
Drive
mechanism



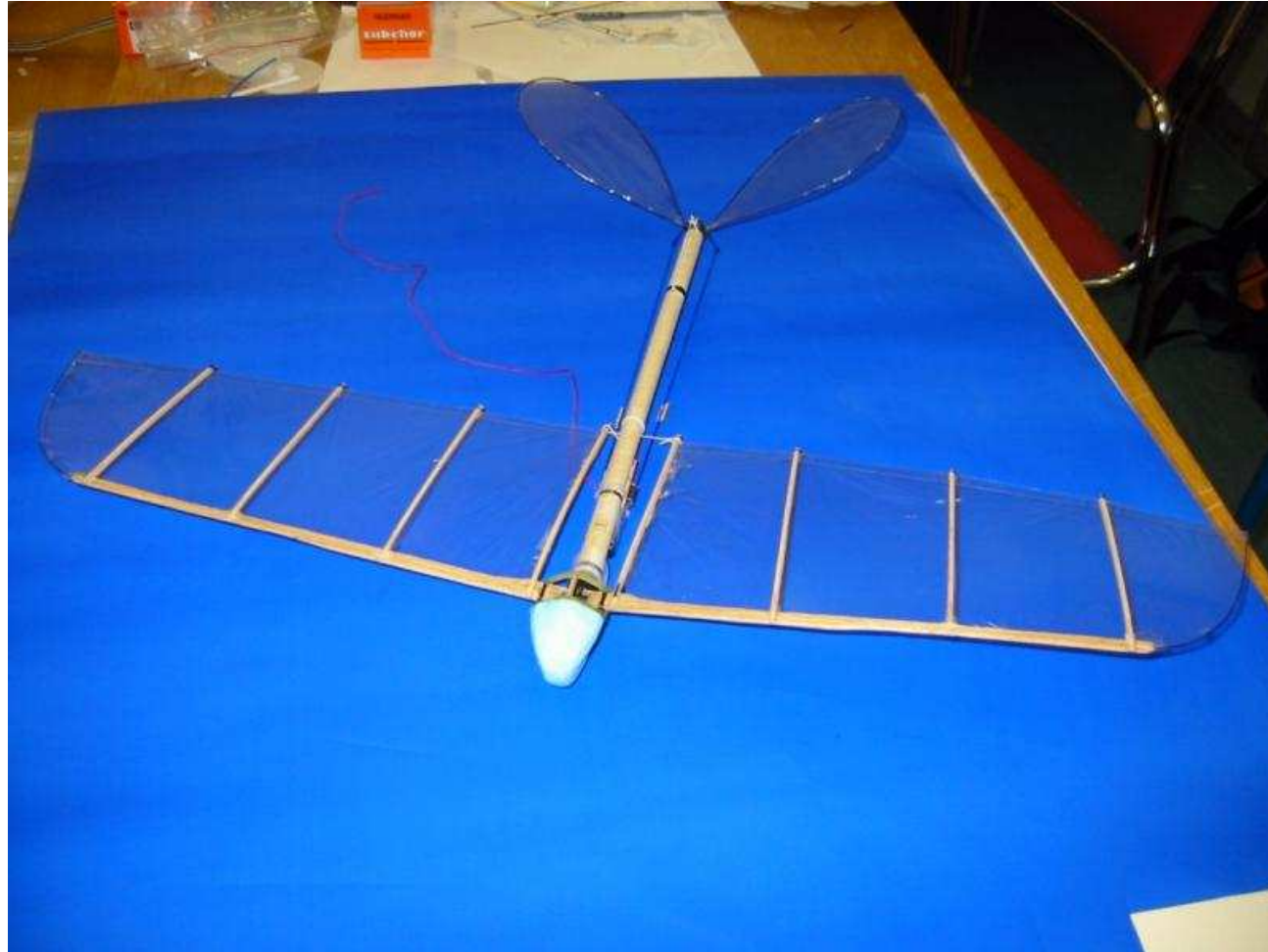
Camera



The Crow flies



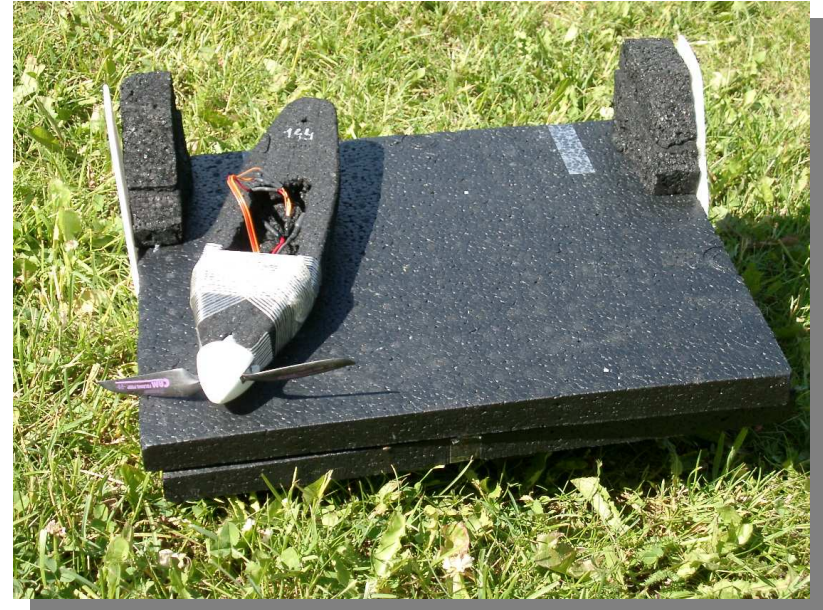
The Woodpecker 2003



The Backpacker project (1)



Backpacker project (2)



Research areas

- The use of water tunnel models in conceptual design
- Coupling between conceptual design program and CATIA
- Micro UAV development
- Ornithopter development
- Design and development of affordable demonstrators

Affordable demonstrators

- Half-scale flying model of future Saab demonstrator built by Linköping University

