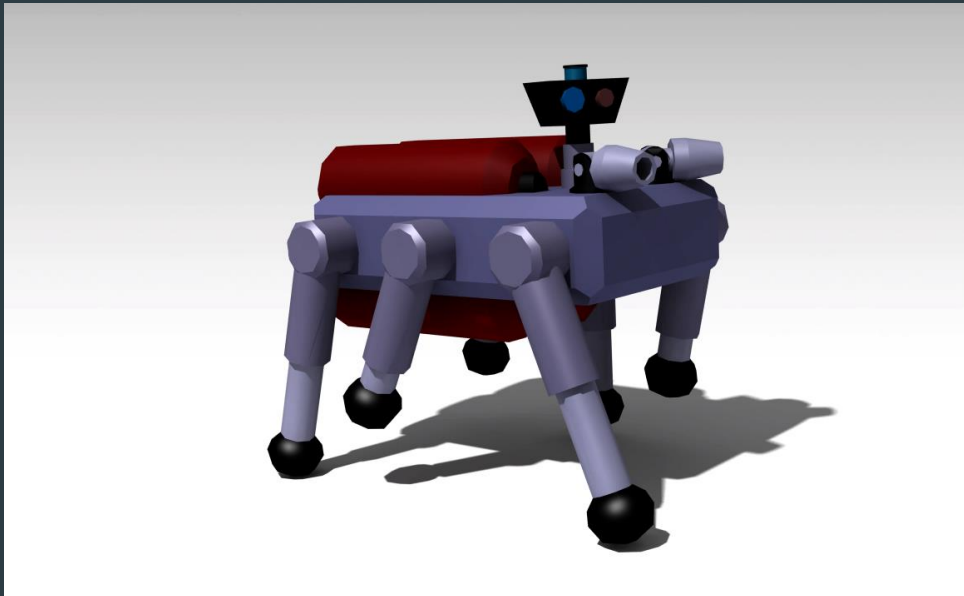


Onychophora-inspired firefighting robot

Michele Tartari

Contents

- ▶ Introduction
- ▶ Key elements
- ▶ Conclusion



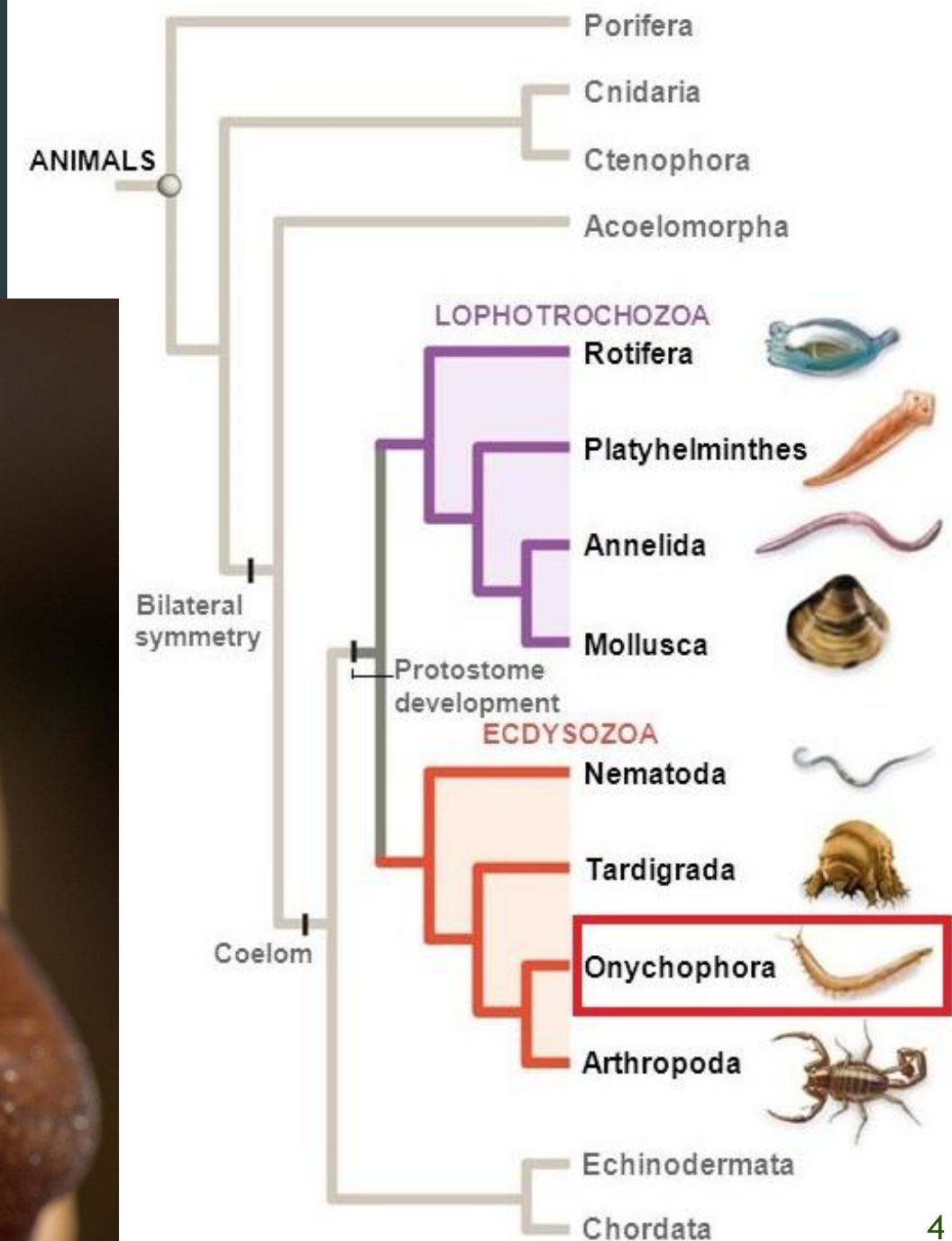
Introduction

Problem statement



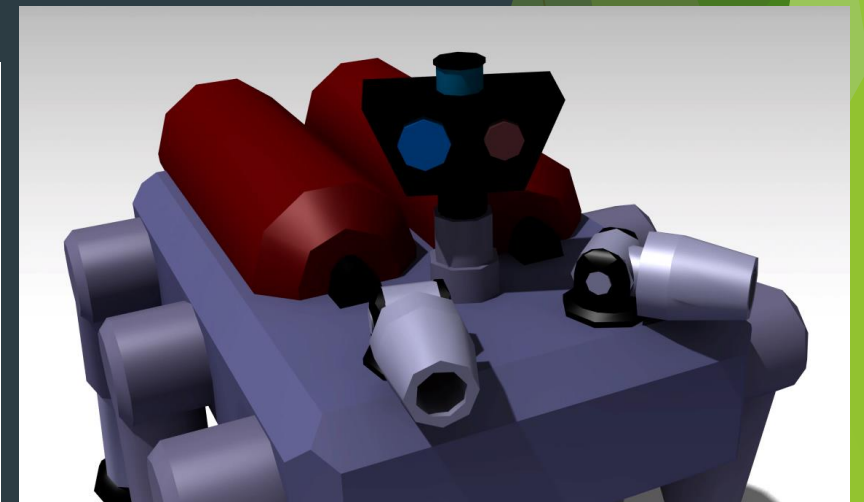
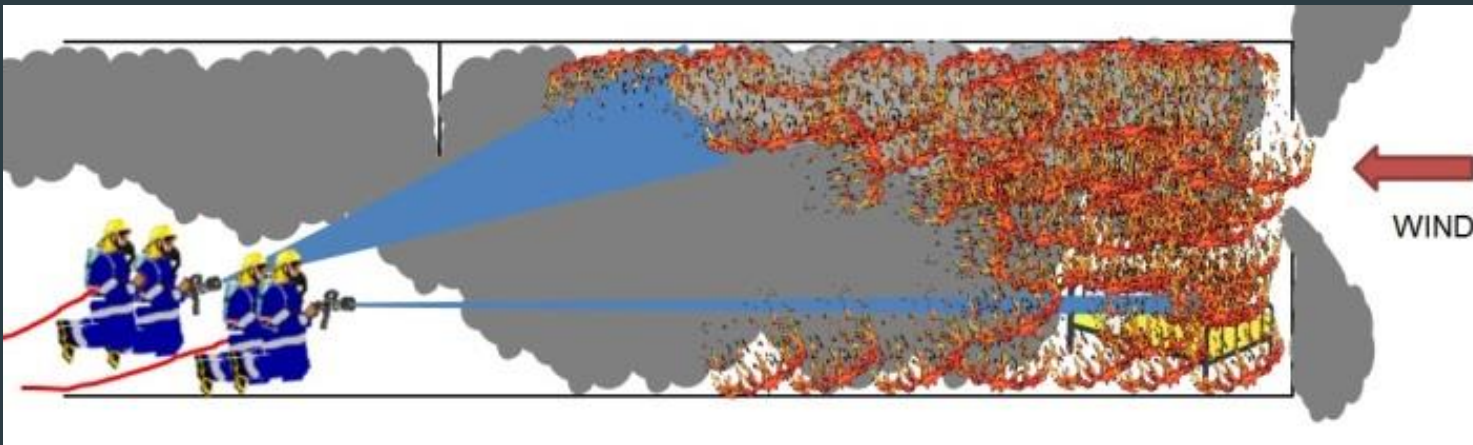
Introduction

Onychophora



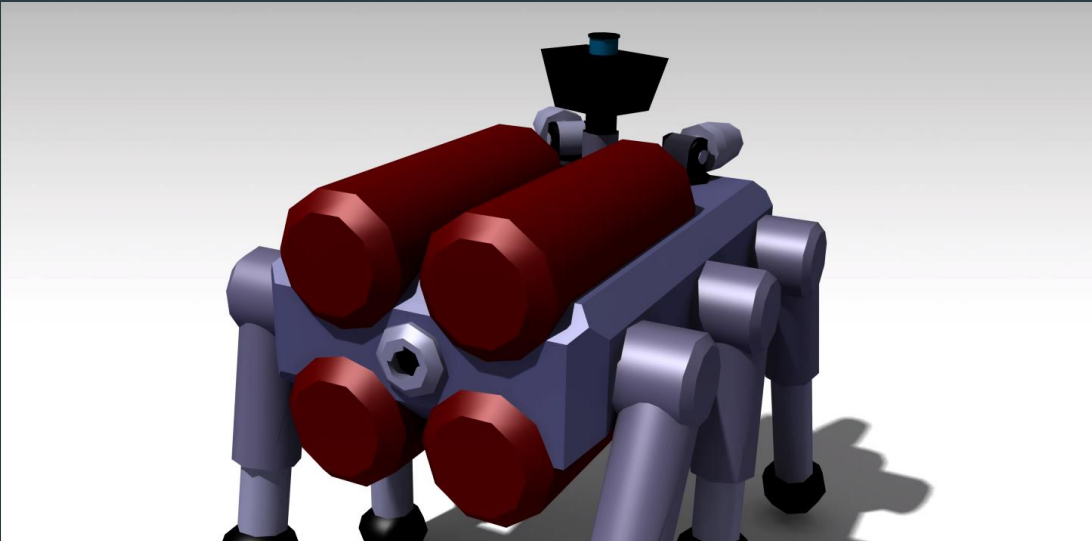
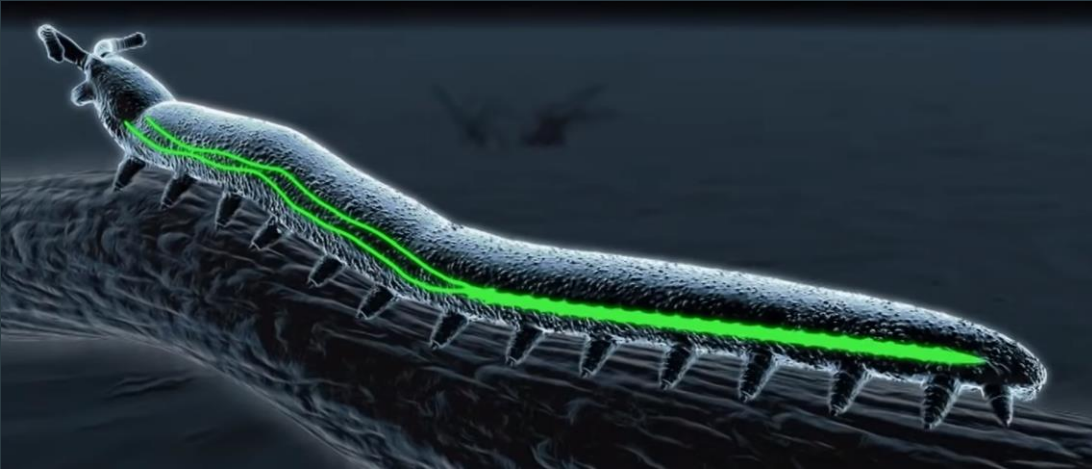
Key elements:

Nozzles



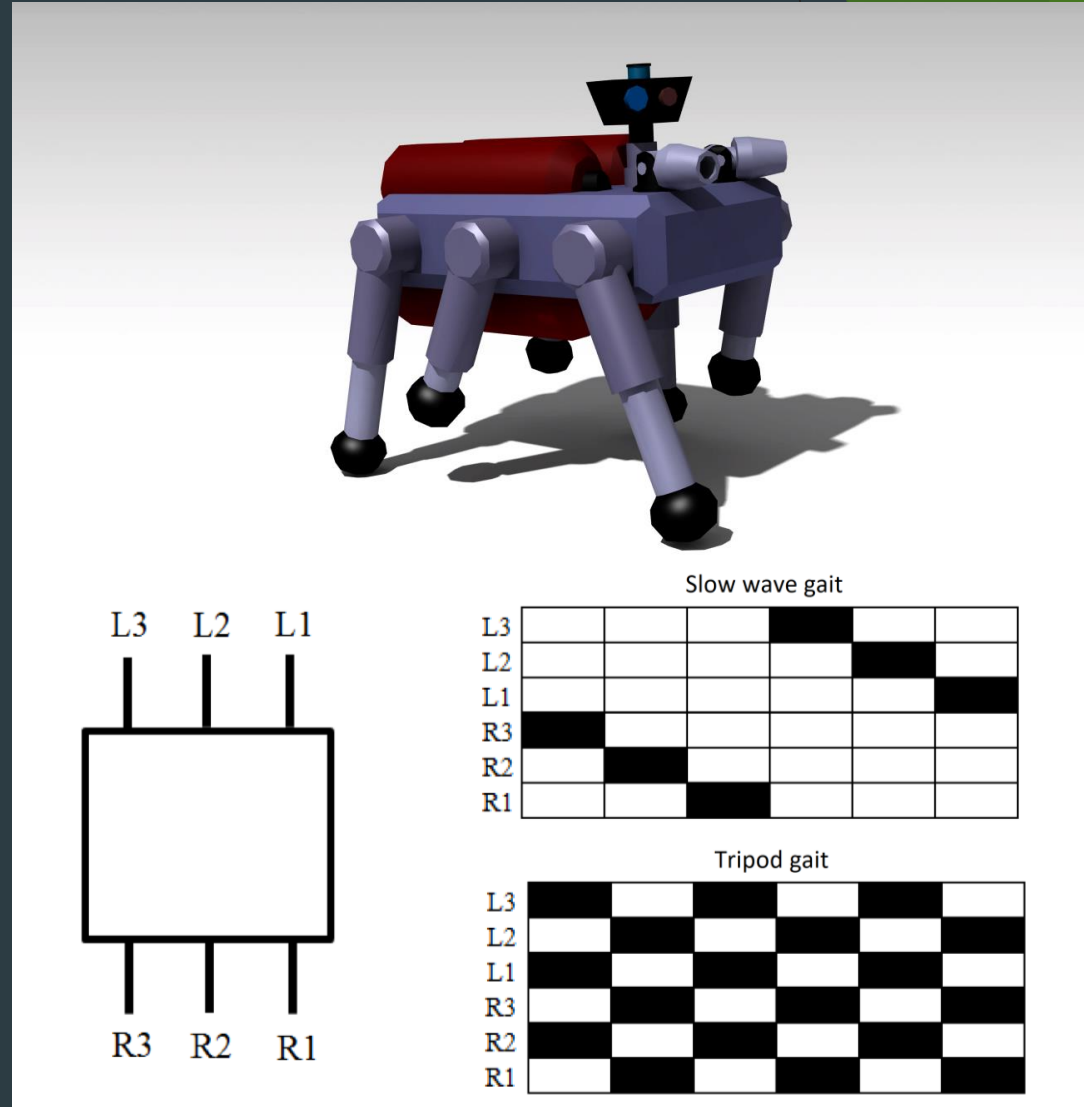
Key elements

Tanks



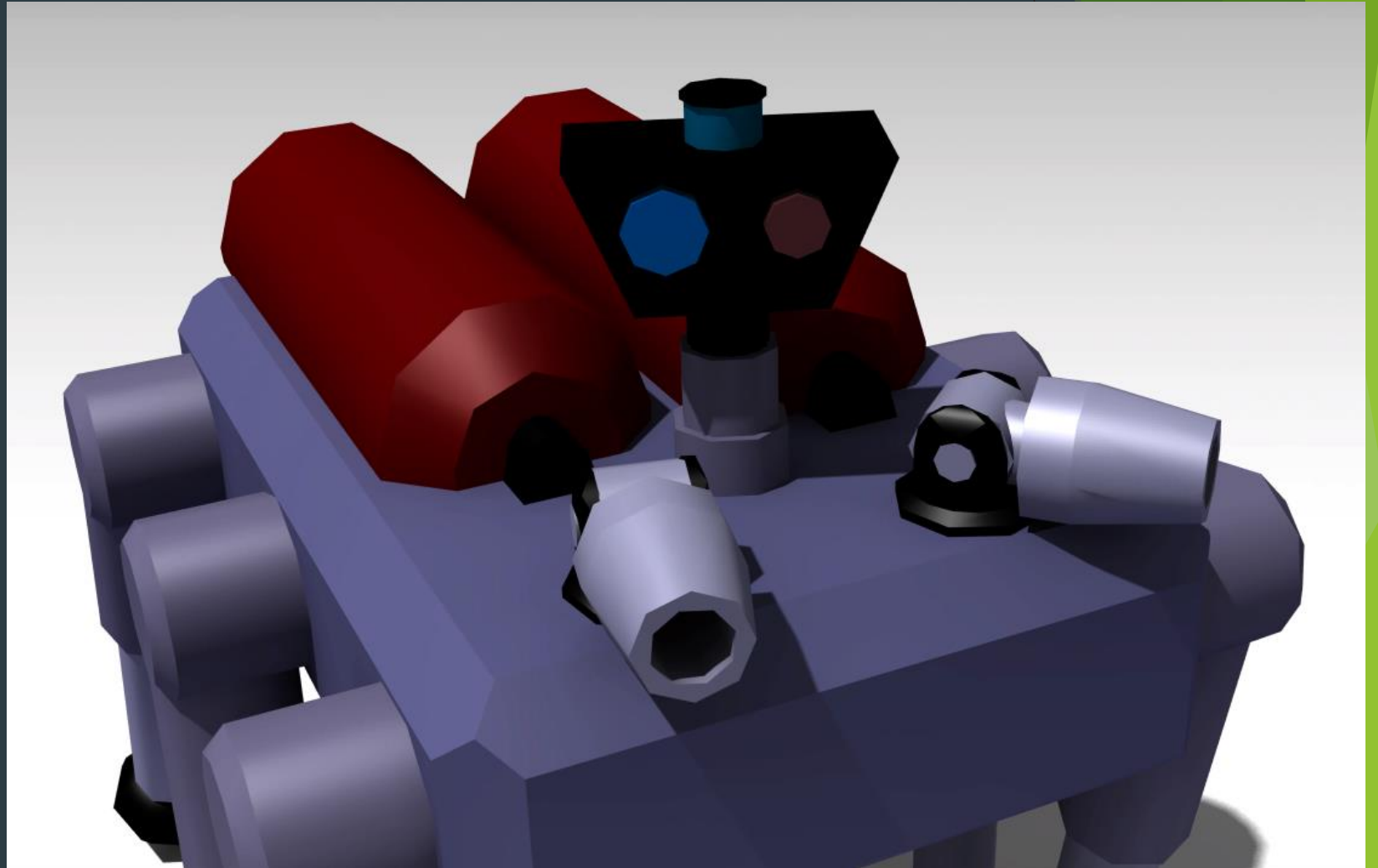
Key elements

Legs



Key elements: Head and sensors

- ▶ Telescopic head
- ▶ RGB camera
- ▶ IR camera
- ▶ Laser scanner



Conclusion



Thank you