



# Final assignments and order of presentation

Scuola Superiore  
Sant'Anna

FILE NAME	TITLE	LINK	STUDENTS
Autonomous Vehicles 2017	Perception, Planning, Control, and Coordination for Autonomous Vehicles	<a href="https://www.researchgate.net/publication/313834721_Perception_Planning_Control_and_Coordination_for_Autonomous_Vehicles">https://www.researchgate.net/publication/313834721_Perception_Planning_Control_and_Coordination_for_Autonomous_Vehicles</a>	Rudy Semola
Biomimetic Robot Navigation 2000	Biomimetic Robot Navigation	<a href="https://www.societyofrobots.com/robottheory/Biomimetic_robot_navigation.pdf">https://www.societyofrobots.com/robottheory/Biomimetic_robot_navigation.pdf</a>	Michele Fontanesi
CPG legged robots 2009	Survey of locomotion control of legged robots inspired by biological concept	<a href="http://users.dimi.uniud.it/~antonio.dangelo/Robotica/2018/helper/biologicallyInspired_locomotionControl_Issue.pdf">http://users.dimi.uniud.it/~antonio.dangelo/Robotica/2018/helper/biologicallyInspired_locomotionControl_Issue.pdf</a>	Mario Saracino
Morphological Computation 2006	Morphological computation - A basis for the analysis of morphology and control requirements		Luca Strazzer
Retina-like sensors 2002	Retina-Like Sensors: Motivations, Technology and Applications	<a href="https://www.academia.edu/10613746/18_Retina-Like_Sensors_Motivations_Technology_and_Applications">https://www.academia.edu/10613746/18_Retina-Like_Sensors_Motivations_Technology_and_Applications</a>	Jessica Sartori
Robot pushing 2020	Let's Push Things Forward: A Survey on Robot Pushing	<a href="https://www.frontiersin.org/articles/10.3389/frobt.2020.00008/full">https://www.frontiersin.org/articles/10.3389/frobt.2020.00008/full</a>	Leonardo Calamita
Self-driving cars 2019	Self-Driving Cars: A Survey	<a href="https://arxiv.org/pdf/1901.04407.pdf">https://arxiv.org/pdf/1901.04407.pdf</a>	Giovanni Sorice
Soft robot control 2017	Control Strategies for Soft Robotic Manipulators: A Survey		Marco Petix
TorontoCity 2017	TorontoCity: Seeing the World with a Million Eyes	<a href="https://arxiv.org/pdf/1612.00423.pdf">https://arxiv.org/pdf/1612.00423.pdf</a>	David Berei, Marianthi Vasilopoulou, Ágoston Péter
Embodiment 2000	Intelligent robots: the question of embodiment	<a href="https://www.researchgate.net/publication/228375813_Intelligent_robots_The_question_of_embodiment">https://www.researchgate.net/publication/228375813_Intelligent_robots_The_question_of_embodiment</a>	Diletta Goglia
Machine Learning Science Review 2015	Machine learning: Trends, perspectives, and prospects		Cristopher Izquierdo
Embodied intelligence 2015	Embodied Intelligence	<a href="https://www.researchgate.net/publication/283812826">https://www.researchgate.net/publication/283812826</a>	Diletta Goglia (second choice)