

Applying for and coordinating Horizon 2020 projects

How to make it straightforward and fun

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How to make it straightforward and fun

- I am a Professor of course, I like writing proposals!
- Read what they ask for
 - What do you sell to what TRL?
 - Are you a credible coordinator or do you need another?
 - Make a good consortium
- The trick is to use professional support
 - Support outside writing science/engineering
 - The generalists' point of view
 - Help in building a consortium
- Worth the money reduces your work on writing and ad with only a cost to the budget of the project (typically €

Soft Intelligence Epidermal Communication Platform (SINTEC)

1.Manufacturing large-area rigid-stretch PCB

To make a ground-breaking novel large-area rigid-stretch PCB technology available for manufacturing on an industrial scale

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To present long stretchable wireless sensor patches that survives multipleuse, and excessive dynamic stretching without contact failure

2. Integrating Fat-IBC with electrophysiological

sensors

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• To develop Fat-IBC further together with stretchable transceivers providing constant robust contact with skin To increase the performances and reducing the obtrusiveness of current systems enabling completely new physiological measurements in wearable

To couple sports and health and together particular to test outdoors in od ts i for the vision of **nomadic healthcare**

3. Device demonstration

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Applicability tests in physiological and biomechanical laboratory

• Use of sensors for laboratory tests: stress test, longitudinal monitoring







• Use of sensor for tests in outdoor conditions: performance, longitudinal monitoring, comparisons of data



• Maybe useful in competitions due to its imperceptibility and lightness?



"This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 824984".

Dissemination





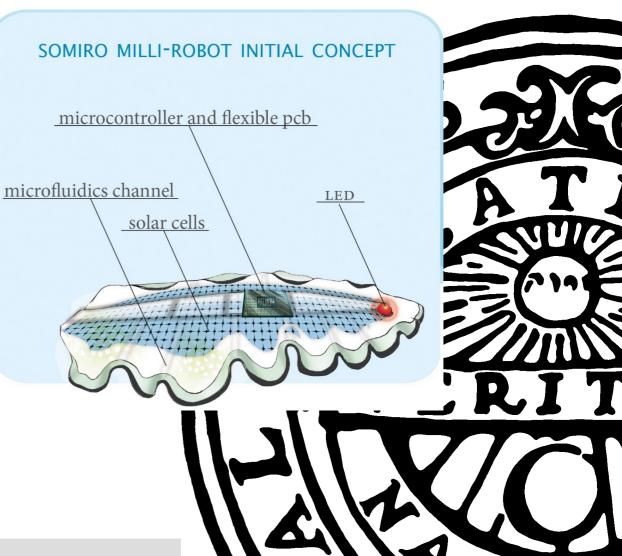
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Soft swimming microrobots (SOMIRO)

- Provide an energy-efficient locomotion and physical intelligence of a swimming soft milli-robot
- **2** Reach a month-long energy autonomy
- Achieve ultra-low-power sensing,
- Iocal computing and reliable wireless communication in the size constraint of the milli-robot
- 4 Define an automated manufacturing of integrated soft milli-robots
- 5 Demonstrate in agricultural setting an integrated device that show step change Performance improvement over the current state of the art





Coordinating Two Very Different Projects

- SINTEC
- High TRL
- Mostly companies
- Innovation and development







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