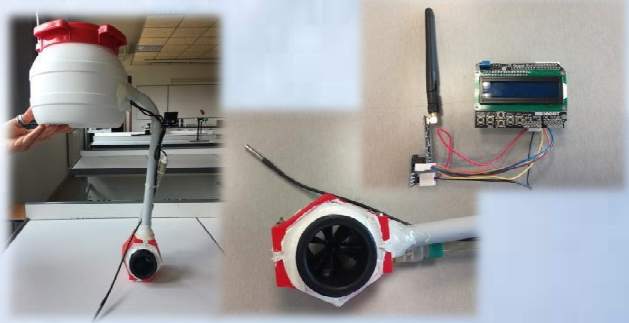


# « CLASH » Project

Capteurs de Lycéens pour la cAlval d'un Satellite Hydrométrique

## Creation of the cylinder (2017-2018)



Creation and production of the 1<sup>st</sup> cylinder with different receivers (speed, temperature, pH) as well as a radio transceiver to receive and view data directly.

The CLASH project enters into the domain of the franco-american space mission SWOT <https://swot.cnes.fr/>.

## Test on the river Garonne (with Stéphane Calmant)



## Field trials



### Test on the Garonne :

- Correct functioning of the analysis probes, the data receiver and the automatic data storage.
- Test for water tightness and floatability.

Planning of trips to test the equipment on the "Maroni" (Guyana) and "Rio Negro" (Brazil) rivers.

## New model

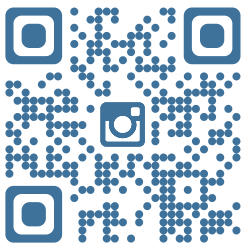
### Creation of a new cylinder :

- Structure
- New chip (better data processing)
- New receivers (conductivity,...)

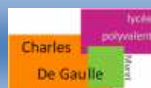
## Communication (school)



- Description of the project
- Various workshops on the properties of the water.



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PROJECT folder

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