Minutes of the Meeting 25.05.2021 (ISPAS - HIGHWAVE)

General terms for loaning the ISPAS radar

- The duration of loan can be months up to 2 years
- ISPAS will have to prepare the radar for the site and provide training to Arnaud/Susanne
  - Water proofing
  - Mechanical fixes
  - Testing of processing board
  - Training to learn about settings and their effect on the image
- The preparations of the radar have a cost that shall be covered by the HIGHWAVE project; A cost estimate will be provided by ISPAS
- The University College Dublin has access to an Insurance for the radar
- The loan of the radar requires an NDA that will be suggested by ISPAS
- HIGHWAVE needs to publish research based on data obtained by the radar

Transfer of algorithms

- Algorithms have to be adapted for this radar (access to data upfront helpful)
- Radars are particularly good in measuring the directional distribution of waves
- The algorithms may be delivered with a course/practical training if desired

Time line

- September 2021: NDA in place
- September 2021: If possible: example data combined with laser data (Hs>= 3m) provided by client of ISPAS
- Autumn 2021: Practical preparations for mounting the radar
- February/March 2022: Start of installation
- Summer 2022: Testphase of radar on site, retrieval of test data
- Winter 2022: Radar operational for research purpose

Specific notes

- Remote access for controlling the radar, available through software, remote access to station provided by HIGHWAVE
- ISPAS software contains FFT, beam forming, filtering, own data format
- Data convertible to Matlab format, Matlab format usable from Python