



1. What are you looking for?

- The core of the call is transforming ideas that remain not industry proven to concrete devices
- To bring industry and academia together and to demonstrate that there is a genuine interaction between industry and other actors and not just having an industrial partner for a sake of consortium composition





Work Programme topic

2. What do you NOT want?

Remain in the theoretical level. We need to get away from the lab isolated experiment into something that becomes industry compatible and wafer-based. Spintronics has been slowing down due to compatibility issues of the wafer-based processes.





Work Programme topic – topic evolution

3. Is this new or has it been called before?

New but there are projects in Photonics and IC from Horizon 2020 in the same field



Work Programme topic – topic evolution

4. Current project portfolio *(if relevant)*

Several projects on the area:

- *AMPLITUDE (871277)*
- *CARLA (871457)*
- *CHIPS (871645)*
- *CRONUS (871748)*
- *FreeForm Europe (871832)*
- *HandheldOCT (871312)*
- *Hydrooptics (871529)*
- *InSiDe (871547)*
- *MedPhab (871345)*
- *MULTIPLE (871783)*
- *MULTIWELD (871679)*
- *NEBULA (871658)*
- *OPTIMISM (871231)*
- *ORIGIN (871324)*
- *PACIPHIC (871534)*
- *PEROXIS (871336)*
- *PHABULOUS (871710)*
- *PHOOTONICS (871908)*
- *POETICS (871769)*
- *PROSCOPE (871212)*
- *SCANNIT (871502)*
- *SEER (871875)*
- *TRUDI (871587)*
- *TWILIGHT (871741)*
- *WINTHER (871763)*



Work Programme topic – Key actors

5. Who are the types of main stakeholders that are addressed?
 - Industry. Materials research is very important. Required characteristics of materials and interfaces, junctions and engineering of these are very important and are very challenging.
 - Research. TRL level is not as critical in comparison to genuine collaboration with industry.





Work Programme topic

7. Are there any additional / background documents?

Call Text





Upcoming events / information days

9. Please list upcoming information days and other events of relevance to this area

TBD

