

Name of the event

- “Day of the particles”, “Physics and particles”
- Other proposals ?

Schedule of the event (proposal)

- 13:30: doors open
- 13:30 – 18:15: continuous science exhibition
- 14:00 - 14:30: CMS/ATLAS/ALICE virtual visit
- 14:45 - 15:30: physics on stage
- 15:45 - 16:15: CMS/ATLAS/ALICE virtual visit
- 16:30 – 17:15: physics on stage
- 17:30 – 18:00: CMS/ATLAS/ALICE virtual visit
- 18:15: doors close

Advertisement via

- Website: <http://DagVanDeDeeltjes.ugent.be> ?
- Social media: Facebook event page, Twitter, LinkedIn
- Mailing lists
- Belgian EOS Science magazine

5 Islands concept (people visit the exhibition in this order):

1. Introduction to particle physics
 - Evolution of universe (e.g. ALICE Big Bang banner)
 - Matter constituents (e.g. ALICE Structure of Matter banner)
 - Standard Model
 - Open questions ?
2. Large Hadron Collider + Experiments
 - 1 poster on how do accelerators and particle detectors work ?
 - 1 (or 2 max) posters per item for LHC, ALICE, ATLAS, CMS, LHCb
3. Detector exhibition
 - Detector pieces (e.g. CMS Muon chambers, CMS Tracker piece)
 - Large pictures of event displays (or rather a screen ?)
4. Demos and hands-on setups
 - Plasma ball, Double slit experiment (?), Chladni plates, GW Interferometer (?), Salad bowl accelerator, IceCube neutrino telescope scale model, ATLAS Colliderscope, VR apps (LHC panoramas ...) ...
5. Belgian scientists/physicists
 - 1 horizontal banner/timeline highlighting historical Belgian physicists

- Which collaborations are taking part ?
- Language (Dutch/French) ? Anticipate 2 guides per visit ?
- Visit of experiment, or upgrade activities, or ... ?
- Classic virtual visit or Facebook Live event ?

- Visit should be preceded by proper 5-10min introduction
 - movie or speaker ?
 - different one for each experiment/visit ?