IdeaSquare development

Space allocation and equipment plan discussion

Discussion:

- Shared needs between projects
- Space allocation
- Equipment plan overview
- In more detail:
  - Grey room
  - Visitor area

Shared needs

- "Project office" for each EU-funded project
    - Working space for ESR's
    - Project memory
- Meeting space for
    - Consortium meetings
    - Training sessions
- Demo area to show information / prototypes
- Mechanical / electronics workshop?
- Grey room?

About spaces in general

- Handouts for layout and basic equipment plan

- Room for 5 EU-funded projects, CBI-course, related activities

- Layout is modular

  - This is version 1.0 which we will start with

  - Can be changed 1-2 times a year if need be

  - Will be tested and documented along with next version design

  - Version 2.0 to be arranged in place in summer 2015

Workshops

- Details will be discussed with each project
- Common needs for:
  - Compressed air?
  - Gas lines?
  - Basic lab sink unit in each?
  - Equipment racks?
  - Power redundancy?

Grey room

ISO 14644-1 cleanroom standards [edit]

Class	maximum particles/m^3						FED STD 209E equivalent
	≥0.1 μm	≥0.2 μm	≥0.3 μm	≥0.5 μm	≥1 μm	≥5 μm	
ISO 1	10	2.37	1.02	0.35	0.083	0.0029	
ISO 2	100	23.7	10.2	3.5	0.83	0.029	
ISO 3	1,000	237	102	35	8.3	0.29	Class 1
ISO 4	10,000	2,370	1,020	352	83	2.9	Class 10
ISO 5	100,000	23,700	10,200	3,520	832	29	Class 100
ISO 6	1.0×10^6	237,000	102,000	35,200	8,320	293	Class 1,000
ISO 7	1.0×10^7	2.37×10^6	1,020,000	352,000	83,200	2,930	Class 10,000
ISO 8	1.0×10^8	2.37×10^7	1.02×10^7	3,520,000	832,000	29,300	Class 100,000
ISO 9	1.0×10^9	2.37×10^8	1.02×10^8	35,200,000	8,320,000	293,000	Room air

Visitor area

- Currently 3 summer students and 1 thesis worker planning and building content for version 1.0

- Impress the most likely software for screens

- What material from projects?

  - Poster / video / presentation (electronic)

  - Prototypes?

  - Demo area / dedicated space / embedded?

  - Synergies with Atlas and CMS visitor centres

Next steps

- Detailed list through with each project individually
- Next meeting planned for late August / early September - Doodle will be sent out for that