# Papyrus IC – Research/Academia Committee
## Minutes 2016-04-13

Present at the meeting were the following:

| Present? | Name | Organization |
|---|---|---|
|  |  | Adocus |
| Y | Johann K | Airbus Helicopters |
|  |  | Airbus Defence & Space |
| Y | Tristan F | Atos |
| Y | Sebastien G | CEA |
| Y | Gert J | Combitech |
|  |  | EclipseSource |
| Y | Francis B (chair), Reibert A | Ericsson |
| Y | Vincent A | fortiss |
|  |  | FlandersMake |
| Y | Tom R, Max B | Fraunhofer Fokus |
| Y | Joerg H, David S | Fraunhofer IEM |
| Y | Cort S | OneFact |
| Y | Juergen D | Queen's U |
| Y | Anders E | SAAB |
|  |  | TM Forum |
|  |  | Zeligsoft |
| Y | Gael B | Eclipse Foundation/Polarsys |

Particulars of the meeting

Time          2016-04-13 at 09:00-17:00 CET
Place          Teleconference

Particulars of the next meeting

Time          TBD
Place          Teleconference

# Agenda

## 1.   Approval of Mom from Previous Meeting

- None

## 2.   Actions from Previous Meetings

| Captured | Action | Responsible | Due | Comment/Status |
|----------|--------|-------------|-----|----------------|
|          |        |             |     |                |

## 3.   Goals and Motivation

- General Papyrus IC update
- Development of the community
- Establishment of close relationship with research and academia
  - We need to foster innovations from research/academia
  - We need students better train in MBE
  - We need to make MBE cool!

- We want to know what Research/Academia members are expecting from the Papyrus IC
  - How can the Papyrus IC contribute to research/academia?

## 4.   Research/Academia Committee

### As defined in the Papyrus IC Charter

- Composition
  - Chairman: elected representative from the User Lead member organizations

- o Participants: see table below
- Responsibilities – Initial draft
  - o Identify key research directions
  - o Interact with research groups involved in consortium activities
  - o Interact with funding agencies to promote research on Papyrus open source platform
  - o Participate to key research events (conferences, workshops, and commercial events) to promote Papyrus as a lead MBE platform for research projects
  - o Interaction with universities to help establishing high-quality training and education programs both at the undergraduate and graduate level
  - o Gather the training material exploited by the academics, related to the Papyrus tool suite
  - o Maintain an information set on advanced research, demos, and prototypes around the Papyrus tool suite (papers, presentations, videos, SW, etc.)

| | User Lead Member | Supplier Lead Member | Participant Member | Research/ Academia Member | Observer Member |
|---|---|---|---|---|---|
| General Assembly | X | X | X | X | X |
| Steering Committee | X | X | Elected | Elected | - |
| Product Management Committee | X | X | Elected | - | - |
| Architecture Committee | X | X | - | - | - |
| Research/ Academia Committee | X | X | Elected | Elected | - |

## Proposed Modifications

- Add a co-chairman from Research/Academia members

## 5. Research/Academia Membership

## As defined in the Papyrus IC Charter

- **Research/academia Member**
  Research/academia members are universities and research organizations that want to participate in the development of the overall MBE solution based on Papyrus by addressing different research aspects, use Papyrus for teaching/training purposes, and contribute to the overall development of the ecosystem.

  - o Polarsys Membership Class: Guest Member
  - o Membership fees: Eclipse Associate Member – free for not-for-profit organizations
  - o Resource allocation: 8 person-days per year
  - o Technical contributions: None
  - o Note
    - ▪ Each research/academia member must be invited/sponsored by a User Lead or Supplier Lead member and approved by the Steering committee

- Research/academia membership is renewable on an annual basis

## Proposed Modifications

- Requirement to use Papyrus for research and teaching

## 6. Main Goals from Research/Academia

- Research
  - Promotion of research projects
  - Better access to research funding
  - Research collaborations
  - Better access to industrial problems
  - Possibility to interact with the industry on the development of relevant solutions
  - Much facilitate tech transfer
  - Facilitate the recruitment of new students
    - Students are motivated by industrial interactions/collaborations
- Teaching
  - Sharing of teaching material
    - It is very time consuming to develop quality teaching material
    - Establish a critical mass that will ensure better quality and stability
  - Possibility to collaborate between universities and with the industry on course projects

## 7. List of Organizations/People interested in being involved in the setting up of the Papyrus IC Research/Academia goals and plan

- Research/academia
  - CEA: Sebastien G
  - fortiss: Vincent A
  - Fraunhofer Fokus: Max B
  - Fraunhofer IEM: Joerg H, David S
  - Queen's University: JuergenD
  - University of Toulouse: Jena-Michel B

- Industrial members
  - Airbus Helicopters: Johann K and Stephan T
  - Atos: Tristan F
  - Eclipse Foundation: Gael B
  - Eclipse Source: Philip L, Maximilian K
  - Ericsson: Reibert A, Francis B
  - Saab/Combitech: Gert J and/or Andreas E

- Other organizations/people to invite
  - MDH University: Federico Ciccozzi
  - Carleton U: Dorina Petriu, Yvan Labiche
  - Ottawa U: Daniel Amyot
  - TU Wien: Tanja Mayerhofer
  - University of Antwerp/McGill U: Hans Vangheluwe
  - University of Leuven: Herman Bruyninckx
  - University of Luxembourg: Lionel Briand

- o  Universitat Oberta de Catalunya (UOC): Jordi Cabot

## 8.  Proposed Activities for 2016

- Webinars
  - o  Bi-monthly webinars
    - One from Industry
    - One from Research/Academia
- Papyrus for education
  - o  Papyrus will be ready for teaching for the Fall semester
  - o  Sharing of teaching material between Papyrus IC members
- Joint student projects
  - o  Rover project
- International contest
  - o  Possibility to use the rover
- Sponsorship of Ph.D. students

## 9.  Action Points

| Captured | Action | Responsible | Due | Comment/Status |
|----------|--------|-------------|-----|----------------|
| 2016-04-13 | | | | |
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