

# Schedule Week 1: The Basis

Week: January 30

Updated on  
JANUARY,29, 2023

Week 1) The Basis

| *Waiting confirmation |  | 30/01<br>MONDAY                                     |  | 31/01<br>TUESDAY                     |  | 01/02<br>WEDNESDAY                   |  | 02/02<br>THURSDAY                    |  | 03/02<br>FRIDAY                      |  |
|-----------------------|--|---|--|--------------------------------------|--|--------------------------------------|--|--------------------------------------|--|--------------------------------------|--|
| Starting Time         | Activity                                   | Quantum Initiatives Around the World                |  | State of the Art in São Paulo        |  | Quantum Sensing                      |  | Quantum Communication                |  | Quantum Computing                    |  |
|                       |  | Who   | What   | Who                                  | What   | Who                                  | What   | Who                                  | What   | Who                                  | What   |
| 9h0                   |  | Marcelo Terra Cunha:                                | Welcome and introduction                                 | Paulo Nussenzveig                    | Summarize previous day and recap daily goals       | Philippe Courteille                  | Summarize previous day and recap daily goals       | Gustavo Wiederhecker                 | Summarize previous day and recap daily goals       | Celso Villas-Boas                    | Summarize previous day and recap daily goals       |
| 9h15:                 |  | Luiz Eugênio Mello (Scientific Director - FAPESP):  | Remarks from FAPESP                                      | Carlos Henrique de Brito Cruz        | State of the Art Research in São Paulo State       | Rainer Blatt / Philippe Bouyer       | Quantum Sensing                                    | Simon Groblacher                     | Quantum Communications                             | Matthias Steffen (Remote)            | Quantum Computation                                |
| 9h30:                 |  | Luciana Santos (Minister of Science and Technology) | Remarks from MCTI  |                                      | Warmup discussion                                  |                                      | Warmup discussion                                  |                                      | Warmup discussion                                  |                                      | Warmup discussion                                  |
| 9h45:                 |  | Anca Ionescu:                                       | Warm up: Munich Center Quantum Science and Technology    |                                      | Break  |                                      | Break  |                                      | Break  |                                      | Break  |
| 10h15:                |  |   | Warmup discussion  | Paulo Nussenzveig                    | Roadmap Presentation: Chapter I.2                  | Philippe Courteille                  | Roadmap Presentation: Chapter II.1                 | Gustavo Wiederhecker                 | Roadmap Presentation: Chapter II.2                 | Celso Villas-Boas                    | Roadmap Presentation: Chapter II.3                 |
| 10h45:                |  |   | Break  | All participants                     | Raise suggestions and issues                       | All participants                     | Raise suggestions and issues                       | All participants                     | Raise suggestions and issues                       | All participants                     | Raise suggestions and issues                       |
| 11h15:                |  | Marcelo Terra Cunha:                                | Roadmap Presentation: Chapter I.1                        | Paulo Nussenzveig                    | Afternoon workgroup definition and tasks           | Philippe Courteille                  | Afternoon workgroup definition and tasks           | Gustavo Wiederhecker                 | Afternoon workgroup definition and tasks           | Celso Villas-Boas                    | Afternoon workgroup definition and tasks           |
| 11h45:                |  | All participants:                                   | General Discussion: Raise suggestions and issues         |                                      |  |                                      |  |                                      |  |                                      |  |
| 12h15:                |  | Marcelo Terra Cunha:                                | Targets for the afternoon:workgroup definition and tasks |                                      |  |                                      |  |                                      |  |                                      |  |
| 12h45:                | Lunch                                      |   |  |                                      |  |                                      |  |                                      |  |                                      |  |
| 14h0                  | Parallel sessions, roadmap section reviews | Workgroup members:                                  | Discuss the specific issues raised                       | Workgroup discussion:                | Discuss the specific issues raised                 | Workgroup discussion:                | Discuss the specific issues raised                 | Workgroup discussion:                | Discuss the specific issues raised                 | Workgroup discussion:                | Discuss the specific issues raised                 |
| 14h45                 | Parallel sessions, roadmap section reviews | Workgroup discussion:                               | Wrap up discussion and summarize main issues             | Workgroup discussion:                | Wrap up discussion and summarize main issues       | Workgroup discussion:                | Wrap up discussion and summarize main issues       | Workgroup discussion:                | Wrap up discussion and summarize main issues       | Workgroup discussion:                | Wrap up discussion and summarize main issues       |
| 15h0                  | Break                                      |   | Break  |                                      | Break  |                                      | Break  |                                      | Break  |                                      | Break  |
| 15h30                 | Reports of the discussions                 | Workgroup leaders:                                  | Workgroup leaders report to everyone (10 min each)       | Workgroup leaders:                   | Workgroup leaders report to everyone (10 min each) | Workgroup leaders:                   | Workgroup leaders report to everyone (10 min each) | Workgroup leaders:                   | Workgroup leaders report to everyone (10 min each) | Workgroup leaders:                   | Workgroup leaders report to everyone (10 min each) |
| 16h0                  | RM Revision                                | Workgroup leaders and collaborators:                | Implement changes to roadmap text                        | Workgroup leaders and collaborators: | Implement changes to roadmap text                  | Workgroup leaders and collaborators: | Implement changes to roadmap text                  | Workgroup leaders and collaborators: | Implement changes to roadmap text                  | Workgroup leaders and collaborators: | Implement changes to roadmap text                  |
| 17h0                  | Daily closing remarks                      | Daily closing remarks:                              | Daily closing remarks                                    | Daily closing remarks:               | Daily closing remarks                              | Daily closing remarks:               | Daily closing remarks                              | Daily closing remarks:               | Daily closing remarks                              | Daily closing remarks:               | Daily closing remarks                              |
| 17h30                 |  |   |  |                                      |  |                                      |  |                                      |  |                                      |  |
| 18h0                  |  |   |  |                                      |  |                                      |  |                                      |  |                                      |  |
| 18h30                 |  |   |  |                                      |  |                                      |  | Cristiane de Morais Smith            | Science outreach                                   |                                      |  |

# Schedule Week 2: Goals and Strategic Issues

Week: February 6

Updated on  
JANUARY,29, 2023

Week 1) The Basis

|               |  | 06/02<br>MONDAY                     |  | 07/02<br>TUESDAY                    |  | 08/02<br>WEDNESDAY                               |  | 09/02<br>THURSDAY                   |  | 10/02<br>FRIDAY                     |  |
|---------------|--|-------------------------------------|--|-------------------------------------|--|--|--|-------------------------------------|--|-------------------------------------|--|
| Starting Time | Activity                                   | Perspectives for Agriculture        |  | Perspectives for Health             |  | The need for Quantum Education and Dissemination |  | The role of agencies                |  | The role of companies               |  |
|               |  | Who                                 | What   | Who                                 | What   | Who  | What   | Who                                 | What   | Who                                 | What   |
| 9h0           | Introduction and Daily goals review        | Ben-Hur Viana Borges                | Recap daily goals                                  | Frederico Brito                     | Summarize previous day and recap daily goals       | Marcelo Terra Cunha                              | Summarize previous day and recap daily goals       | Paulo Nussenzveig                   | Summarize previous day and recap daily goals   | Frederico Brito                     | Summarize previous day and recap daily goals   |
| 9h15          | Warm up                                    | Débora Miloni                       | TBA  | Oswaldo Novais                      | Biosensors   | Marcelo Knobel                                   | TBA  | Round table                         | Luiz Eugenio Mello (FAPESP)<br>Hugo Aguilaniu (Serrapilheira)<br>Sergio Machado Rezende<br>TBA | Round table                         | Alberto Paradisi (CPQD)<br>Dario Thober (Von Braun)<br>Enrique Solano (KipuQuantum and Quanvia)<br>Newton Frateschi (IFGW/Unicamp) |
| 10h0          |  |                                     | Warmup discussion                                  |                                     | Warmup discussion                                  |  |  |                                     |  |                                     |  |
| 10h30         | Break                                      | Break                               |  | Break                               |  | Break  |  | Break                               |  | Break                               |  |
| 11h0          | Roadmap Presentation                       | Ben-Hur Viana Borges                | Roadmap Chapter III.1                              | Frederico Brito                     | Roadmap Chapter III.2                              | Marcelo Terra Cunha                              | Roadmap Chapter III.3                              | Frederico Brito                     | Roadmap Chapter IV.1   | Paulo Nussenzveig                   | Roadmap Chapter IV.2   |
| 11h30         | General Discussion                         | All participants                    | Raise suggestions and issues                       | All participants                    | Raise suggestions and issues                       | All participants                                 | Raise suggestions and issues                       | All participants                    | Raise suggestions and issues   | All participants                    | Raise suggestions and issues   |
| 12h0          | Targets for the afternoon                  | Ben-Hur Viana Borges                | Afternoon workgroup definition and tasks           | Frederico Brito                     | Afternoon workgroup definition and tasks           | Marcelo Terra Cunha                              | Afternoon workgroup definition and tasks           | Frederico Brito                     | Afternoon workgroup definition and tasks   | Paulo Nussenzveig                   | Afternoon workgroup definition and tasks   |
| 12h30         | Lunch                                      |                                     |  |                                     |  |  |  |                                     |  |                                     |  |
| 14h0          | Parallel sessions, roadmap section reviews | Workgroup members                   | Discuss the specific issues raised                 | Workgroup members                   | Discuss the specific issues raised                 | Workgroup members                                | Discuss the specific issues raised                 | Workgroup discussion                | Discuss the specific issues raised   | Workgroup discussion                | Discuss the specific issues raised   |
| 14h45         | Parallel sessions, roadmap section reviews | Workgroup members                   | Wrap up discussion and summarize main issues       | Workgroup members                   | Wrap up discussion and summarize main issues       | Workgroup members                                | Wrap up discussion and summarize main issues       | Workgroup discussion                | Wrap up discussion and wrapup  | Workgroup discussion                | Wrap up discussion and summarize main issues   |
| 15h0          | Break                                      | Break                               |  | Break                               |  | Break  |  | Break                               |  | Break                               |  |
| 15h30         | Reports of the discussions                 | Workgroup leaders                   | Workgroup leaders report to everyone (10 min each) | Workgroup leaders                   | Workgroup leaders report to everyone (10 min each) | Workgroup leaders                                | Workgroup leaders report to everyone (10 min each) | Workgroup leaders                   | Workgroup leaders report to everyone (10 min each)   | Workgroup leaders                   | Workgroup leaders report to everyone (10 min each)   |
| 16h0          | RM Revision                                | Workgroup leaders and collaborators | Implement changes to roadmap text                  | Workgroup leaders and collaborators | Implement changes to roadmap text                  | Workgroup leaders and collaborators              | Implement changes to roadmap text                  | Workgroup leaders and collaborators | Implement changes to roadmap text  | Workgroup leaders and collaborators | Implement changes to roadmap text  |
| 17h0          | Daily closing remarks                      | Daily closing remarks               | Daily closing remarks                              | Daily closing remarks               | Daily closing remarks                              | Daily closing remarks                            | Daily closing remarks                              | Daily closing remarks               | Daily closing remarks  | Daily closing remarks               | Daily closing remarks  |
| 17h30         |  |                                     |  |                                     |  |  |  |                                     |  |                                     |  |
| 18h0          |  |                                     |  |                                     |  |  |  |                                     |  |                                     |  |
| 18h30         |  |                                     |  |                                     |  |  |  | TBD                                 | Science outreach   |                                     |  |

