To contribute to the COST ARTS Final Conference Day 1 – *emerging scientific developments / challenges with ARTS* - Please fill in the form below and indicate whether you will be prepared to contribute a **talk and / or a poster:**

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| **NAME OF SPEAKER(s):** |
| **The emerging scientific challenge (1/2 page)**  EXAMPLE TEXT: Combining automated planning (AP) from Computer Science perspective with techniques like MPC in control engineering .. [explain with context …] |
| **Its relation to ARTS / why it is important in ARTS**  EXAMPLE TEXT: Self – management approaches naturally require automated methods to plan and schedule actions and processes in a system, to achieve goals and tasks. This requires both a flexible, goal directed approach, and one that can reason with complex objects such as continuous processes. The combination of AP and control engineering approaches seems to offer this potential. |
| **Where/when it originated within the Network**  EXAMPLE TEXT: several STSMs (e.g. Madrid) have tackled this question, and we have had discussions at workshops |
| **The progress of developments aimed at solving the challenge**  EXAMPLE TEXT: A subgroup of WG1 has been working on this for c.1 year. There is a developing proposal for national funding. |

**Day 2 - Software Demonstrations – please fill in below if you intend to give a demo:**

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| **NAME OF DEMONSTRATOR(s):** |
| The technological challenge that the software is aimed at: |
| Its relation to ARTS / why it is important in ARTS : |
| Where/when it originated within the Network: |
| The functionality of the software to be demonstrated: |