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| **CubeSat Concurrent Engineering Workshop 2024- CubeSat Project Overview-***[Name of the team]* |

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|  Name of CubeSat team |       |
| Form factor (1U, 2U, 3U) |       |

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| --- | --- |
| **Proposing university/ institute** | **Team leader** |
| Name |       | Name |       |
| DepartmentIf applicable |       | Position |       |
| City |       | Telephone number  |       |
| Country |       | E-mail address |       |

Before submitting the CubeSat Project Overview, please ensure that:

* The CubeSat Project Overview is complete and the grey comments *in italic* have been removed.
* The CubeSat Project Overview is maximum 8 pages.

# Mission description

*Brief description of the CubeSat concept or mission, including the scope of the project and mission objectives (technological experiment, scientific research, etc.). the methods in which they are meant to be achieved and the background of the project. Where does the idea come from? What are the motivations for choosing a CubeSat platform for your mission?*

# CubeSAt Description

*Description of the concept including:*

* *Functional description: Describe the main functions that the satellite shall execute.*
* *CubeSat architecture: Provide an overview of the overall architecture of the satellite describing the payload(s) and the subsystems. Provide a block diagram of the overall CubeSat architecture.*
* *Payload envelope characteristics: Estimate the payload envelope characteristics: dimensions, mass and power budget.*
* *Technical challenges: Identify main challenges to the project.*

# Status overview of the CubeSat project

*Description of the current phase of the CubeSat project.*

# Planning

*Global planning of your project, showing the order and duration of the main tasks and indicating key project milestones.*

# Academic Return

*Description of the main motivations for applying to the Concurrent Engineering Workshop and what kind of support the team is seeking for. If possible, describe those areas in which the team has expertise and those areas in which they would like to receive support.*