

# AIDAInnova

Advancement and Innovation for Detectors at Accelerators  
Horizon 2020 Research Infrastructures project AIDAINNOVA

## MILESTONE REPORT

# YOUNG SCIENTIST PUBLICATION COMMITTEE ESTABLISHED

## MILESTONE: MS6

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### Abstract:

The AIDAInnova young scientist publication committee (PubCom) has been established. This required defining the PubCom procedures as well as defining the PubCom composition. Subsequently, the corresponding reviewing procedures for a few key types of AIDAInnova documents (e.g. drafts, publications, conference proceedings, notes) were technically implemented in the CERN Document Server (CDS). Mailing lists for communication among young scientists from all AIDAInnova institutes were put in place. Junior and senior PubCom members have been appointed. Meanwhile the first AIDAInnova documents are undergoing PubCom review.

AIDAinnova Consortium, 2022

For more information on AIDAinnova, its partners and contributors please see <http://aidainnova.web.cern.ch/>

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## TABLE OF CONTENTS

<b>1. INTRODUCTION .....</b>	<b>4</b>
<b>2. THE YOUNG SCIENTIST PUBLICATION COMMITTEE .....</b>	<b>4</b>
2.1. MEMBERS .....	4
<b>3. REVIEW PROCEDURE AND DOCUMENT TYPES .....</b>	<b>5</b>
3.1. WORKFLOW .....	5
3.2. PUBLICATION TYPES .....	5
3.3. AUTHOR LIST .....	6
3.4. REVIEW PROCESS .....	6
<b>4. TECHNICAL IMPLEMENTATION .....</b>	<b>7</b>
4.1. CERN DOCUMENT SERVER (CDS) .....	7
4.1.1. DRAFTS .....	7
4.1.2. CONFERENCE PROCEEDINGS .....	7
4.1.3. PUBLISHED ARTICLES .....	7
4.1.4. NOTES .....	7
4.1.5. INTERNAL NOTES .....	7
4.2. CERN E-GROUPS .....	7
<b>ANNEX: GLOSSARY .....</b>	<b>9</b>

## 1. INTRODUCTION

WP2 implements and coordinates the communication, dissemination and outreach of AIDAinnova, and supports its relations with industry and the knowledge transfer activities. Task 2.3 focuses on providing a platform to enhance participation, responsibility, visibility and training for young detector scientists (i.e. students and postdocs) specialising in detector technologies. This document reports on Milestone 2.3 (MS2.3) which concerns the dissemination and publishing of project results by the establishment of a young scientist publication committee (PubCom). This allows for the validation of a large variety of research work completed within AIDAinnova, consequently, supporting young researchers careers. Here we describe the measures taken towards establishing the PubCom, its role and responsibilities, as well as providing relevant structures and support documents for its continued operation.

## 2. THE YOUNG SCIENTIST PUBLICATION COMMITTEE

The main task of the PubCom is to ensure a well-structured peer-review process for the publishing of scientific publications and notes in collaboration with the WP coordinators. The committee will not only promote the careers of young scientists through enabling the publication of a large variety of project works in a peer-reviewed manner but will also be largely coordinated by young scientists. The technical steps for enabling such a process have been worked out in collaboration with the CERN Document Server (CDS) support group. The process supports the creation of an initial draft document with an associated review procedure and the final publication in several categories with a dedicated AIDAinnova label. Most notably this includes the category of internal notes that are only accessible to AIDAinnova members. These are particularly useful for student reports where the AIDAinnova label will provide added recognition.

### 2.1. MEMBERS

The PubCom, consisting of a Chair and three other members, is composed of a mix of senior scientists and young detector scientists. The chair is proposed by the Scientific Coordinator (ScCo) and approved by the Steering Committee (SC). The other members are selected by the ScCo in consultation with the chair of the PubCom. While preserving continuation, a certain degree of rotation in the chair and membership roles of the PubCom is desirable, calling for a replacement of a fraction of the members every year. For the initial setup, a call was made to all AIDAinnova members to nominate others or for them to self-nominate.

The first iteration of the PubCom has been formed with the following members:

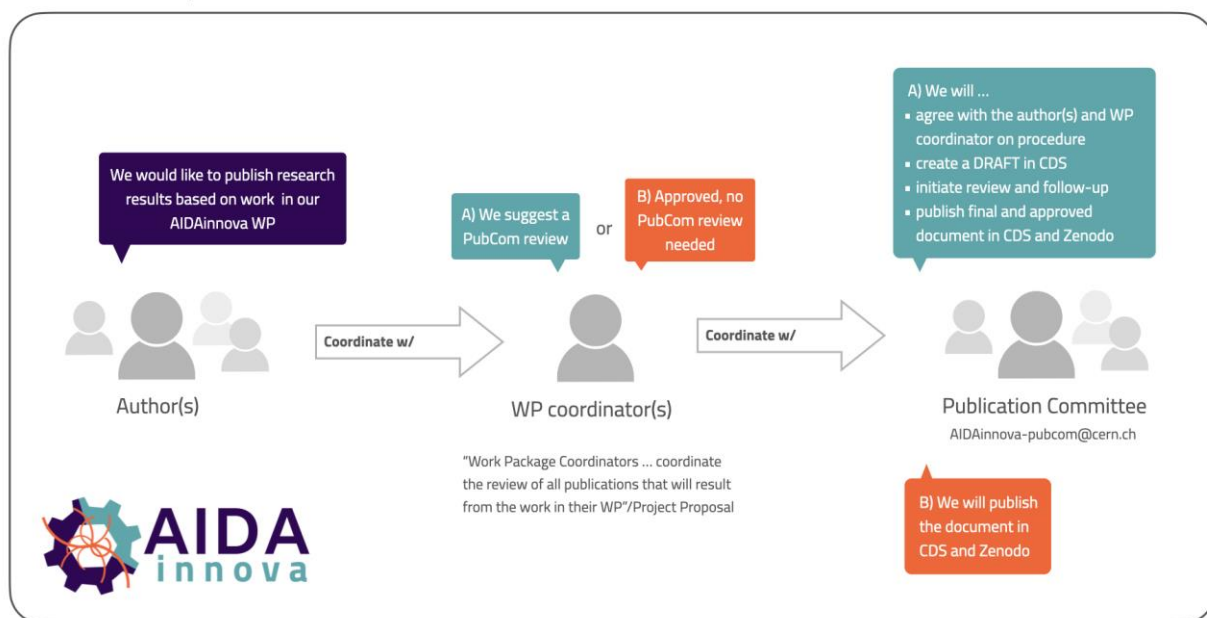
- **Junior:**
  - Camila Pedano (Karlsruhe Institute of Technology, Germany)
  - Matias Senger (University of Zurich, Switzerland)
- **Senior:**
  - Anna Zaborowska (CERN, Switzerland/France)
  - Briec Francois (CERN, Switzerland/France)

### 3. REVIEW PROCEDURE AND DOCUMENT TYPES

#### 3.1. WORKFLOW

It is the responsibility of the WP coordinator to coordinate the review of all publications that will result from the work in their WP. Such a review process can be initiated by the WP coordinator(s) after having discussed with the authors and coordinated with the PubCom, but it is not compulsory. However a WP-wide review is recommended for all documents that will not go through a peer-review elsewhere, for example during journal submission. The AIDAinnova review procedure and the role of the author(s), WP coordinator(s), and the PubCom is outlined in Figure 1.

AIDAinnova review procedure



June 2022

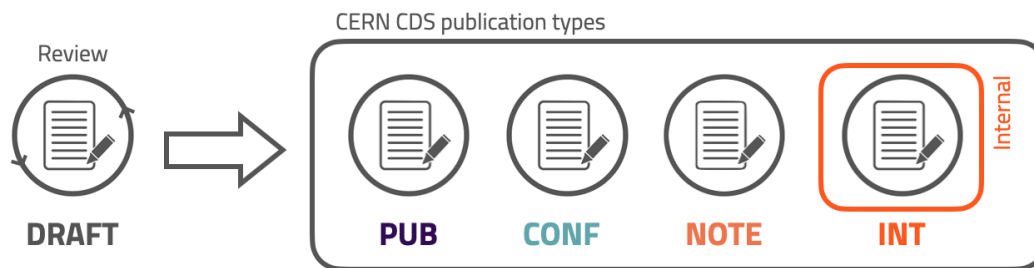
Fig 1. AIDAinnova publication review workflow

#### 3.2. PUBLICATION TYPES

A well-structured peer-review process and publishing procedure has been set up using CDS. It supports the following publication types, see also Figure 2:

- **Journal papers (PUB)**
- **Conference proceedings (CONF)**
- **Notes (NOTE), which are not submitted to a journal but should be publicly available**

- **Internal notes (INT), which are not submitted to a journal and only accessible to**



### AIDAinnova members

Fig 2. AIDAinnova publication types implemented in CDS.

Approved publications can be assigned internal numbers of the form AIDAinnova-CONF-year-nnn, AIDAinnova-PUB-year-nnn, or AIDAinnova-NOTE-year-nnn, where “nnn” represents an incremental counter from 001 to 999. During the review each entry is assigned an internal number of the form AIDAinnova-DRAFT-year-nnn. The latter is only accessible to the AIDAinnova members and among other things keeps a record of all review comments.

In addition there is a category for internal notes that will not be made publicly available. Such notes are intended solely for internal use and will be assigned internal numbers of the form AIDAinnova-INT-year-nnn.

### 3.3. AUTHOR LIST

The author list is established by the WP coordinator in collaboration with the authors. In some cases, the PubCom chair may recommend that additional contributions should be recognised.

### 3.4. REVIEW PROCESS

All drafts undergo an initial review by a PubCom member or an expert assigned jointly by the PubCom and WP coordinator(s). This review focus mostly on technical aspects and aims to make the following wider reviewing process as efficient as possible. Once the initial reviewing step has been approved, the draft will be open for review to the corresponding WP for 10 calendar days or another agreed time period. To ensure a high quality of the review process, dedicated expert reviewers could be assigned.

All review comments will be associated with the corresponding AIDAinnova-DRAFT entry. After the review period the author(s) will produce a final draft. The WP coordinator makes the formal approval. Once approved, it is the responsibility of the author(s) to submit the paper to the final destination, e.g. a journal. Unless otherwise specified (e.g. due to copyright issues) the PubCom will upload a copy to the corresponding AIDAinnova CDS collection and separately to Zenodo. Authors are advised to follow the project recommendation regarding “Open access policy” as outlined in the project proposal section “2.2 Measures to maximise impact”.

## 4. TECHNICAL IMPLEMENTATION

### 4.1. CERN DOCUMENT SERVER (CDS)

AIDAinnova documents are archived and/or published in the CDS collection <https://cds.cern.ch/collection/aidainnova> (depending on document type) with the following repositories:

- **Drafts:** <https://cds.cern.ch/collection/AIDAinnova%20Drafts>
- **Conference Proceedings:** <https://cds.cern.ch/collection/AIDAinnova%20Conference%20Proceedings>
- **Published Articles:** <https://cds.cern.ch/collection/AIDAinnova%20Published%20Articles>
- **Notes:** <https://cds.cern.ch/collection/AIDAinnova%20Notes>
- **Internal Notes:** <https://cds.cern.ch/collection/AIDAinnova%20Internal%20Notes>

#### 4.1.1. DRAFTS

Restricted collection (not publicly available). Initial submissions are only possible for members of the CERN e-group AIDAinnova-pubcom. Members of the larger e-group AIDAinnova-pubcom-initial-draft-review can review the draft and activate a full review by e-group AIDAinnova-members. An approved draft is labelled "approved" and a final entry of type CONF, PUB, NOTE, INT is created.

#### 4.1.2. CONFERENCE PROCEEDINGS

Publicly available collection.

#### 4.1.3. PUBLISHED ARTICLES

Publicly available collection.

#### 4.1.4. NOTES

Publicly available collection.

#### 4.1.5. INTERNAL NOTES

Restricted collection. Only accessible by members of the CERN e-group AIDAinnova-members.

### 4.2. CERN E-GROUPS

The access to different CDS categories relevant for the review procedure is handled through CERN e-groups.

- **AIDAinnova-pubcom**
  - Administrator e-group: AIDAinnova-admin

- Self-subscription policy: AIDAInnova-members with owner/admin approval
- Members of AIDAInnova PubCom
- Can initiate/modify all CDS categories
- **AIDAInnova-pubcom-initial-draft-review**
  - Administrator e-group: AIDAInnova-admin
  - Self-subscription policy: AIDAInnova-members with owner/admin approval
  - Members: AIDAInnova-pubcom + manually entered people
  - Can review a DRAFT before initiating a collaboration-wide review



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## ANNEX: GLOSSARY

<b>Acronym</b>	<b>Definition</b>
PubCom	Publication Committee
ScCo	Scientific Coordinator
SC	Steering Committee
CDS	CERN Document Server