

Reform

Replicated forms for collaborative workflows, proposals, reporting, and organization

Edit OOPSLA

Visibility Hide track

Publicly accessible

When hidden, the track is only accessible for managers and editors.

Shared Track Not shared (default)

Shared with (sub-)conferences:

Shared tracks can be embedded by other conferences in the future. Shared tracks (committees, events, important dates, etc) become available to all conferences.

URL Key

This key is used in all URLs pointing to this track. An alias is created for each track.

Full track name

Menu (short) track name

This shorter name will be displayed in the topmenu and program.

ID	Title	Review #	Reviews	OverMe
#85	Distributed Persistent Signals: Architecture and Implementation	1	1/3	

Select papers (or [select all 1](#)), then [Download](#) · [Tag](#)

Forms are everywhere

Ein Projekt anbieten (Deadline: 04.10.22)

Vor- & Nachname*

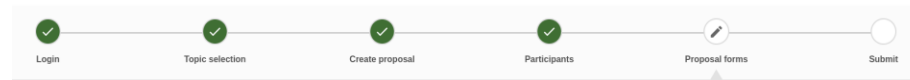
Anbietendes Fachgebiet*

Titel des Projekts*

Kurztitel*

Maximal 25 Zeichen. Wird

Head	Supervisor	Period	Ch	Notes	Forms	Signed?	Submitted?	Project	EDR	Options
Head 1	Karl Mustermann	Jan 01 - Jan 31	11.5	38	3 of 7	Yes	No	N/A	EDR	Options
Manual Head	Karl Mustermann	Jul 01 - Jul 31	9.5	44	0 of 7	No	No	N/A	EDR	Options
A 9	Karl Mustermann	Jul 01 - Jul 31	9.5	44	7 of 7	Yes	No	Sandbergen	EDR	Options



Forms and Workflows

Typical uses



Registering for events



Submitting proposals



Tracking progress in workflows

But they lack



Updating registrations and infos



Coordinating proposals



On the fly workflow adaptation



- Forms¹ of collaboration

- Multiple creators
 - You and your team write a proposal
 - You register with a group
- Creators and validators
 - You submit a task, and someone else validates the work
- Coordinator and supplier
 - Large proposal is split into multiple parts, with inputs provided by multiple parties

¹: pun intended

Concrete Tasks

For one of our existing internal form-based workflows

- HiWi management, registration, proposals

You design a new collaborative solution

- Web based UI

Collaboration based on local-first principles

- Direct connections between participants
- Offline capable
- Data privacy

What you learn

- State-of-the-art collaboration technology
 - This is one of our research focus areas
- Principled reactive UI design
 - No, not react or any other standard JS “reactive”
- Local-first design principles
 - Because collaboration does not mean cloud
- You keep the rights to your code
 - We get it under an open source license (so we can use it how we want)