



**SENSE**

# Ultimate Low-Light Level Sensor Development

Katharina Henjes-Kunst

SENSE Meeting, Zeuthen, 06/07.03. 2017

# First half year of SENSE

- Expert group is finalised and invited by video for this afternoon
- Website and forum is online in a very simple version since two/three weeks
- Brochure is finalised (pdf in cloud/ soon in download section of website) and in printing now
- First deliverable (outreach plan) submitted last year, two are due now (data management plan and report on website) → follow this week
- Amendment for third party contract for outreach is ongoing
- *but slow start: personell missing at KIT and MPG*



# Aims for this meeting

- Next steps very clearly for
  - Roadmap
  - Attract the people to use the forum
  - Cooperation agreement/ data base WP2
- Involve
  - Expert Group (what do we want from them today? Roadmap, Forum)
  - Working groups
  - Web developer/ outreach



# Further Meetings

- Next working group meeting May
- Experts Group Meeting July
- Ringberg October

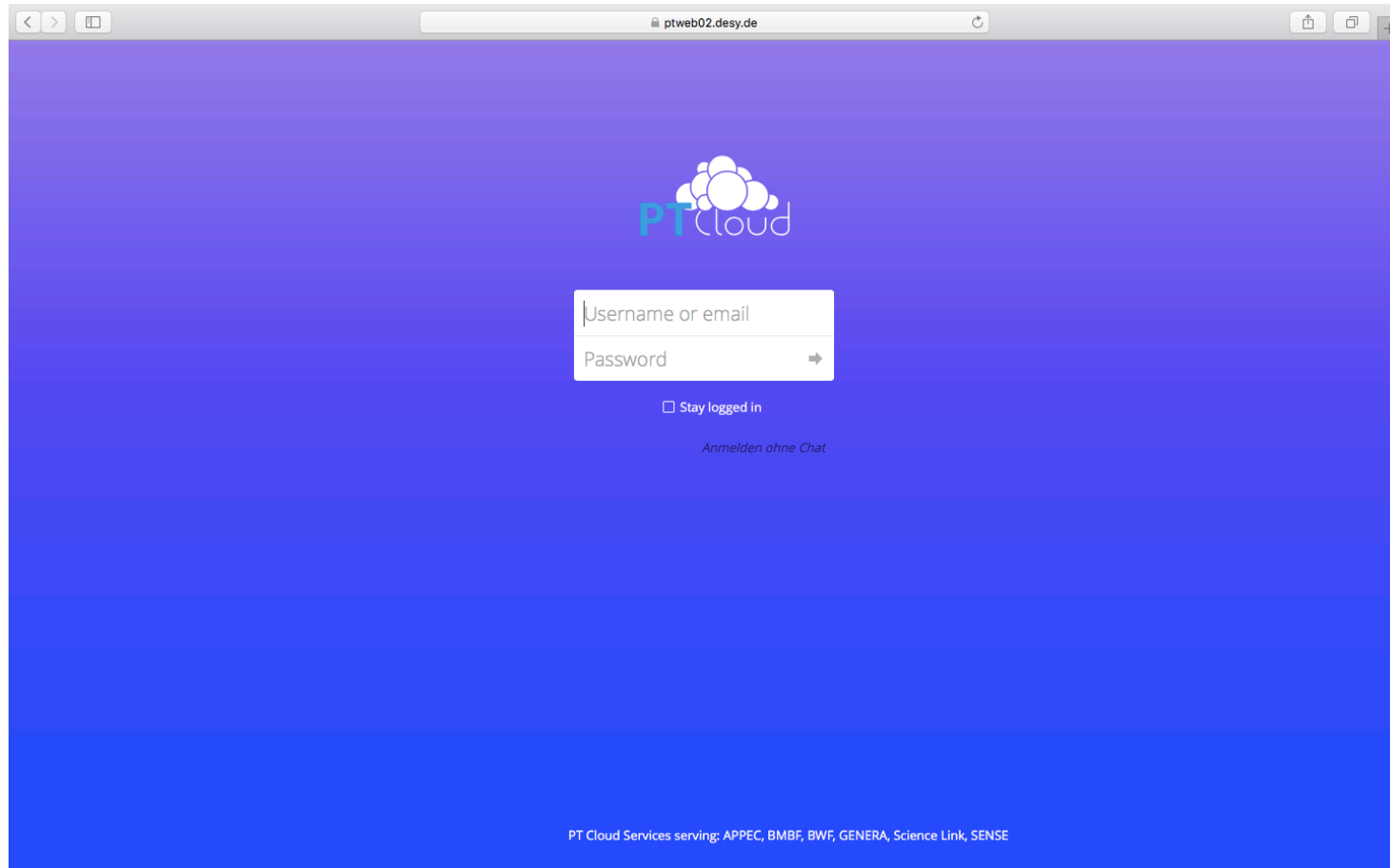


# Organisational/ Mailing lists

- We want to prepare a mailing list → who should be on it?
  - Working group (*Teresa, Mimmo, Andrii, Razmik, Andreas, Astrid, Thomas, Katharina, ???*)
  - Experts



# Organisational/ Cloud



# Organisational/ Cloud

The screenshot displays a OneDrive web interface for the user 'Katharina Henjes-Kunst'. The main area shows a list of folders and files:

Name	Größe	Geändert
APPEC	4.6 GB	vor 6 Tagen
APPEC intern	4.4 GB	vor 3 Tagen
GENERA	832.7 MB	vor 2 Stunden
GENERA intern	265.7 MB	vor 2 Stunden
Katharina	3 GB	vor einer Stunde
<b>SENSE</b>	414.6 MB	vor 5 Minuten
SENSE Intern	31.6 MB	vor 3 Tagen
WIR-UNS	5.5 MB	vor einem Monat
Neues Dokument.odt	8 KB	vor 6 Tagen
Participation Fee 2016.pdf	2.3 MB	vor einem Monat

Summary: 8 Ordner und 2 Dateien, 13.5 GB

Navigation sidebar (left):

- Alle Dateien
- Favoriten
- Mit dir geteilt
- Von dir geteilt
- Geteilt über einen Link
- Tags
- Gelöschte Dateien
- Einstellungen

User profile (right): Francesca Moglia



# Organisational/ Cloud

The screenshot shows a web browser window at [ptweb02.desy.de](https://ptweb02.desy.de) displaying a cloud storage interface. The main content area shows a folder named 'SENSE' containing several sub-folders and files. The 'SENSE Logo' folder is highlighted with a star. A sidebar on the left lists navigation options like 'Alle Dateien', 'Favoriten', and 'Gefühlte Dateien'. A user profile for 'Francesca Moglia' is visible in the top right corner.

Name	Größe	Geändert
Fonts	1.1 MB	vor 2 Monaten
SENSE - Documents	188.6 MB	vor einem Monat
SENSE - Team Meetings	2 MB	vor 5 Minuten
★ SENSE Logo	85.3 MB	vor 2 Monaten
SENSE Material	56.8 MB	vor 2 Monaten
SENSE-Kickoff	80.8 MB	vor 8 Tagen
6 Ordner	414.6 MB	





# Organisational/ Cloud

The screenshot shows a web browser window with the address bar at `ptweb02.desy.de`. The interface is for a cloud storage service, displaying a folder structure. On the left, there is a navigation pane with options like 'Alle Dateien', 'Favoriten', and 'Geteilt über einen Link'. The main area shows a breadcrumb path: 'SENSE > SENSE - Team Meetings > +'. Below this, a table lists items:

Name	Größe	Geändert
20161118_Geneva	SENSE Contact Office	2 MB vor 5 Minuten
1 Ordner		2 MB

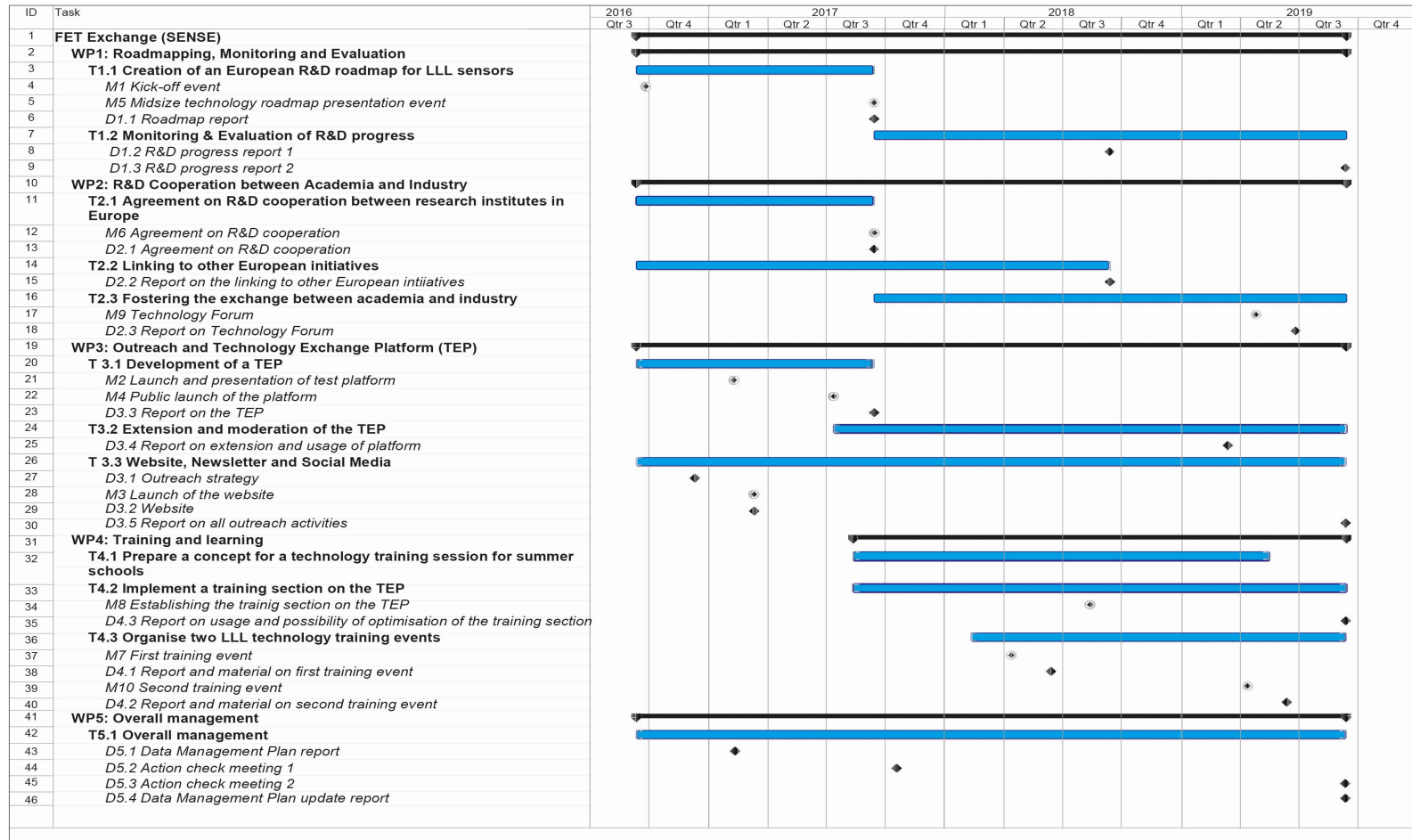
At the bottom right, there is a chat window for 'Francesca Moglia' with a status indicator 'K Online' and the SENSE logo.

# Organisational/ Cloud

- username and password from Katharina/ Thomas
- Storage of all data we use



# Timeframe



# Deliverables

https://ec.europa.eu/research/participants/grants-app/reporting/DLV-713171

Grant Management Project Continuous Report

713171 (SENSE) CSA

**HORIZON 2020**

Call: H2020-FETOPEN-2014-2015  
Topic: FETOPEN-CSA-FETEXCHANGE: 2014/A/05

Summary for publication  Deliverables  Milestones  Critical Risks  Publications  Dissemination  Patents (IPR)  Gender

**Deliverables**

*i* For each Deliverable, a single file (max 52MB) can be uploaded

WP No	Del. Rel. No	Del No	Title	Lead Beneficiary	Nature	Dissemination Level	Est. Del. Date (ar ^)	Receipt Date	Approval Date	Status	
WP3	D3.1	D1	Outreach strategy	KIT	Report	Public	30 Nov 2016			Pending	<input checked="" type="checkbox"/>
WP3	D3.2	D2	Website	KIT	Websites, patents	Public	28 Feb 2017			Pending	<input checked="" type="checkbox"/>
WP5	D5.1	D3	Data Management	DESY	ORDP: Open Rese	Public	28 Feb 2017			Pending	<input checked="" type="checkbox"/>
WP1	D1.1	D4	Roadmap report	MPG	Report	Public	31 Aug 2017			Pending	<input checked="" type="checkbox"/>
WP2	D2.1	D5	Agreement on R&t	UNIGE	Report	Public	31 Aug 2017			Pending	<input checked="" type="checkbox"/>
WP3	D3.3	D6	Report on Techno	KIT	Report	Public	31 Aug 2017			Pending	<input checked="" type="checkbox"/>
WP5	D5.2	D7	Action check mee	DESY	Report	Public	31 Oct 2017			Pending	<input checked="" type="checkbox"/>
WP4	D4.1	D8	Report and mater	DESY	Report	Public	30 Jun 2018			Pending	<input checked="" type="checkbox"/>
WP1	D1.2	D9	First R&D progres	MPG	Report	Public	31 Aug 2018			Pending	<input checked="" type="checkbox"/>
WP2	D2.2	D10	Report on linking	UNIGE	Report	Public	31 Aug 2018			Pending	<input checked="" type="checkbox"/>
WP3	D3.4	D11	Report on extensi	KIT	Report	Public	28 Feb 2019			Pending	<input checked="" type="checkbox"/>
WP2	D2.3	D12	Report on Techno	UNIGE	Report	Public	30 Jun 2019			Pending	<input checked="" type="checkbox"/>
WP4	D4.2	D13	Report and mater	DESY	Report	Public	30 Jun 2019			Pending	<input checked="" type="checkbox"/>
WP1	D1.3	D14	Second R&D progr	MPG	Report	Public	31 Aug 2019			Pending	<input checked="" type="checkbox"/>
WP3	D3.5	D15	Report on all outr	KIT	Report	Public	31 Aug 2019			Pending	<input checked="" type="checkbox"/>
WP4	D4.3	D16	Report on usage a	DESY	Report	Public	31 Aug 2019			Pending	<input checked="" type="checkbox"/>
WP5	D5.3	D17	Action check mee	DESY	Report	Public	31 Aug 2019			Pending	<input checked="" type="checkbox"/>
WP5	D5.4	D18	Data Management	DESY	Report	Public	31 Aug 2019			Pending	<input checked="" type="checkbox"/>

Validate



# Milestones

https://ec.europa.eu/research/participants/grants-app/reporting/DLV-713171

nhenjeka (EXTERNAL)

Grant Management Project Continuous Report

713171 (SENSE) CSA

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Summary for publication

Deliverables

Milestones

Critical Risks

Publications

Dissemination

Patents (IPR)

Gender

### Milestones

Number	Name	Lead Beneficiary	Delivery Date (Annex I)	Achieved	Delivery Date (actual)	Comments
1	Kick-off meeting	DESY	01 Oct 2016	<input checked="" type="checkbox"/>	27 Sep 2016	
2	Launch and presentation of b	KIT	01 Feb 2017	<input type="checkbox"/>		
3	Launch of the website	KIT	01 Mar 2017	<input type="checkbox"/>		
4	Public launch of platform	KIT	01 Jul 2017	<input type="checkbox"/>		
5	Midsized technology roadmap	MPG	01 Sep 2017	<input type="checkbox"/>		
6	Agreement on R&D cooperati	UNIGE	01 Sep 2017	<input type="checkbox"/>		
7	First training event	DESY	01 May 2018	<input type="checkbox"/>		
8	Establishing the training sect	DESY	01 Sep 2018	<input type="checkbox"/>		
9	Technology Forum	UNIGE	01 May 2019	<input type="checkbox"/>		
10	Second training event	DESY	01 May 2019	<input type="checkbox"/>		

Validate



# Risks

https://ec.europa.eu/research/participants/grants-app/reporting/DLV-713171

nhenjeka (EXTERNAL)

Grant Management **Project Continuous Report**

713171 (SENSE) CSA

HORIZON 2020  
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Summary for publication  Deliverables  Milestones  **Critical Risks**  Publications  Dissemination  Patents (IPR)  Gender

**Critical Risks** SAVE

**Foreseen Risks (Annex-I)**

Number	Description	Work Package No.	Risk Mitigation Measures	State of the Play Reference Reporting Period	State of the Play Mitigation Measures Applied	State of the Play Risk Materialized	State of t Comm
1	Milestones defined in the R&D Roadmap cannot be reached.	1	Experts Group defines intermediate R&D steps with new milestones.				
2	Individual R&D groups cannot fulfill assigned R&D tasks.	1	Experts Group proposes a reshuffling of tasks to other R&D groups.				
3	Individual R&D partners to be involved cannot agree on a cooper	2	Project Team reconsiders how to formalize the connection to such R&D partners.				

**Unforeseen Risks**

There are no unforeseen critical risks. + Add Unforeseen Risk

Validate



# Expert Group

- „**3.2.3 Experts Group**
- *The **Experts Group (EG)** comprises first-rate developers in the field of LLL sensors, representative of major research projects requiring LLL sensors as well as company representatives active in developing and manufacturing LLL sensors.*
- *They will act as an advisory panel to the project and it will have overall responsibility for monitoring the work performed, reviewing the objectives and progress achieved towards sustained co-operation and the specific objectives set and discussing corrective actions where necessary. Regular meetings are planned at least twice a year, mostly as side meeting during other SENSE events. Further meetings required to derive fast decisions shall be organized by video conferencing. The members of the Experts Group shall be committed for the three years lifetime of the project.*
- *The Expert Board shall be chaired by Prof. Razmik Mirzoyan (MPP). Advised by the chair all other members will be nominated by the Project Team at the beginning of the project. The members of the expert board, beside its chair Prof. Razmik Mirzoyan, who is working for beneficiary MPP, won't have a subcontractor or contractor status and won't be paid for their work, although their travel costs should be reimbursed. They participate in the action on an ad-hoc basis for the mentioned meetings of the expert group. “*



# Expert Group

## SENSE Experts Board

Name	Expertise PMT			SiPM		Electronics	Others		projects
	general	photocathods	application	general	application	general	general	theory	
Razmik Mirzoyan									CTA
Sergey Vinogradov									
Elena Popova									
Klaus Attenkoffer									
Bayarto Lubsandorzhev									
Samo Korpar/Peter Krizan ?									
Osvaldo Catalano									CTA
Claudio Piemonte (FBK)									
John Smedley (Brookhaven)									
Stefan Schönert									neutrino
Eric Delagnes									
Bonvicini Valter									astro in space
Nicoletta Dinu									LISA
Cesare Barbieri									Imaging syste





# SENSE perspective

- Technology Roadmap event autumn 2017
- Training event I spring 2018
- Training event II spring 2019
- Technology Forum spring 2019
- Working level meetings regulary
- Expert group 2 times/ Year (also as side meetings)



# WP3: Next steps

- Website online
- Forum working ==> we should use it!
- Outreach strategy → Deliverable by end November!
- Brochure
- Other material



# WP 4: Training & Learning

- Starting in month 12
- But: UNIGE has some action before?



# SENSE

Thank you for your attention!

Please visit *sense-pro.org* and stay in contact with us

*Sensepro@desy.de*

