

### Deutsches Elektronen-Synchrotron A Research Centre of the Helmholtz Association



# **CMWS Science Program Application 2022 (3<sup>rd</sup> call)**

The Center for Molecular Water Science (CMWS) at DESY launches a third call for its Science Program (SP). The SP consists of projects within the CMWS jointly financed by DESY and the respective partners. The projects can be for PhD or postdoctoral positions, with different time limits depending on the modality. The SP projects will extend and further strengthen the common activities within the CMWS. Only personnel costs can be requested within the CMWS Science Program.

This call focuses on projects addressing the challenges and overarching questions in molecular water research described in detail in the CMWS White Paper (<a href="https://www.cmws-hamburg.de/about/white\_paper/">https://www.cmws-hamburg.de/about/white\_paper/</a>) published in 2021. With this, an improved fundamental understanding of the role of molecular water should be achieved in each of the scientific research pillars of CMWS. The deadline for submitting proposals within this third call, which will be evaluated by a committee of experts, is 18.07.2022.

Please direct any questions to Pablo Pinacho (<u>pablo.pinacho@desy.de</u>, Tel.: 040 – 8998 6230), Melanie Schnell (melanie.schnell@desy.de, Tel.: 040 – 8998 6240), or Claudia Goy (<u>claudia.goy@desy.de</u>, Tel.: 040 – 8998 1918).





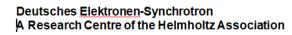
## **CMVS**

#### 1. General information

External partner 1		
Name of PI	Position	University/Institute
External partner 2		
Name of PI	Position	University/Institute
DESY partner		
Name of PI	Position	Division/Group
Title of project		
Duration of project (max. 3 years	s for PhD, max. 2 years for postdo	c)
Contribution to the research cha	llenges for the CMWS	
Requested PhD position(s) / owr	contributions	

Please mark the research pillars of CMWS to which the project contributes most:

Main pillar	Secondary pillar (optional)
Fundamental Properties of Water	Fundamental Properties of Water
Water in Climate-, Astro-, and Geo-sciences	Water in Climate-, Astro-, and Geo-sciences
Water in Energy Research and Technology	Water in Energy Research and Technology
Real-Time Chemical Dynamics	Real-Time Chemical Dynamics
Water in the Molecular Life Sciences	Water in the Molecular Life Sciences







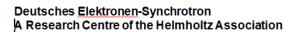
2. Abstract (max. 300 words)

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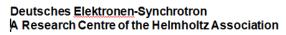
3.	Scientific case and methodology (including unique features) (max. 600 words)		





**CVVVS** 

4.	Goals and main deliverables (max. 500 words)  Please also indicate what challenges described in the CMWS White Paper will be addressed				
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# **CVVVS**

#### 5. Cooperation within CMWS (max. 500 words in total)

Please indicate what research groups are involved, how they are cooperating and benefitting fror ther. Please also indicate the planned use of CMWS infrastructure.			
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## **CVVVS**

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