

EUROPEAN SYNCHROTRON RADIATION FACILITY

INSTALLATION EUROPEENNE DE RAYONNEMENT SYNCHROTRON



	Experiment title: Structural analysis of aragonite biocrystals to identify the physico-chemical pathways of biomineralization	Experiment number: EV327
Beamline: ID13	Date of experiment: from: 4/07/18 to: 8/07/18	Date of report: 1/03/20
Shifts: 9	Local contact(s): T. Gruenewald	<i>Received at ESRF:</i>
Names and affiliations of applicants (* indicates experimentalists): V. Chamard ^{1*} , Peng Li ^{1*} , Arthur Baroni ^{1*} ¹ Institut Fresnel, CNRS, Aix-Marseille Université, FST avenue Escadrille Normandie Niemen, 13397 Marseille, France.		

Report:

The EV327 proposal was allocated beamtime together with the EV326 proposal (Figure1). As it was not possible to perform a full experiment in only 9 shifts, we decided to use the whole allocated beamtime to perform the EV326 proposal. This choice was motivated by the advent of the whole biomineralization project. Please see EV326 report.

Final Number	EV-327								
Proposal Title	Structural analysis of aragonite biocrystals to identify the physico-chemical pathways of biomineralization								
Requested shifts	<table border="1"> <thead> <tr> <th>Principal</th> <th>Alternative</th> <th>Nb Shifts</th> </tr> </thead> <tbody> <tr> <td>ID13</td> <td></td> <td>18</td> </tr> </tbody> </table>	Principal	Alternative	Nb Shifts	ID13		18		
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ID13		18							

Proposers	Dr. Virginie Chamard M. Marc Allain Dr Jeremie Vidal-dupiol Dr Corinne Chevallard Dr Peng Li Dr Frédéric Gobeaux
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Experimental Session				
Beamline	Allocated shifts	Start Date	Finish Date	Local Contact
ID13	9	04 Jul 2018	08 Jul 2018	Tilman Gruenewald (email: tilman.grunewald@fresnel.fr)

The comments made by the Review Committee for this proposal were:	
RC	Comment
C08	Block allocation with EV-326.

Figure 1: Screen copy of the beamtime allocation, mentioning the reduction in allocated time and the merging with EV326.