

Identité / Personal details					
Genre / Gender (Femme / Homme / Autre)		Female			
Nom et prénom / Name and first name:		MEYER Claire			
Pays / Country		France			
Poste actuel / Current position ¹					
Maître de Conférence HDR hors classe					
Organisme(s) public(s) français / French public organisation(s)					
Code RNSR / RNSR code	Organisme / Organisation	Laboratoire / Laboratory	Code unite / Unit code	Code postal / Postcode	Ville / Town
201220279V	UPJV	PSC	UR4663	80039	Amiens
Autres activités / Other activities					
<i>Activités de direction, encadrement, enseignement, activité d'évaluation dans des commissions ou d'expertise scientifique / Executive board, supervision of student, teaching, memberships in panels or individual scientific reviewing activities</i>					
Head of the PSC laboratory since 2018, January 1 Supervision of about ten Master 2 students (6 months duration each), several PostDocs and foreign visitors Teaching: Physics of Liquid Crystals (35UC) Master 1 & Master 2, Nuclear and subatomic physics (25UC) BSc (3rd year) Mathematics for Physicists (37,5UC) BSc (2nd year) Electricity, Mechanic and Optics - Basis (60 UC) and Statistics and Probability (32UC) BSc (1st year).					
Postes antérieurs / Previous positions					
Début / Start date	Fin / End date	Ville / Town	Etablissement / Organisation		Fonction / Function
Interruption(s) de carrière / Career interruption(s)					
From January 2018 to April 2018 maternity leave					
Formation supérieure / Education ²					
Habilitation à Diriger des Recherches (HDR), Université Paris-Sud (2014) PhD Thesis, Université Paris 6, Laboratoire de Minéralogie Cristallographie de Paris (2001) Master 2 « Physique théorique des Liquides », Université Paris 6 (1998)					
Productions scientifiques / Scientific productions					
Projets de recherche, prix, distinctions, bourses, etc. / Grants, prizes, awards, fellowships, etc.					
45 publications in peer reviewed journals about liquid crystals, Coordinator of the grant ANR BESTNEMATICS, ANR-15-CE24-0012 Coordinator of the grant ANR DISPLAY, ANR-23-CE24-0006-03 Coordinator of the bilateral project DNIPRO 34799UJ Coordinator of the bilateral project COGITO 37503SE					
5 publications majeures / 5 most relevant publications			Quel est l'apport majeur de cette publication ? / What is the major contribution of this publication?		
1	C. Meyer, C. Blanc, G. R. Luckhurst, P. Davidson and I. Dozov, Science Advances, 6 , 36, eabb8212, DOI: 10.1126/sciadv.abb8212 (2020)		"Twist-bend" to "splay-bend" phase transition induced by an electric field; highlights the major role of the biaxiality in these two modulated nematic phases.		
2	C. Meyer, Liq. Cryst. 43 , 13-15, 2144-2162 (2016).		Theoretical description of the twist-bend nematic behaviour when subject to external fields or chiral doping.		

¹ Compléter la ou les sections appropriées / Fill the appropriate field(s)

² Les non-titulaires d'un PhD indiquent la date de leur dernier diplôme académique. / Researchers without a PhD must indicate the date of their last academic degree.

3	C. Meyer, I. Dozov, Soft Matter 12 , 574–580 (2016).	Coarse-grained theory of the twist-bend nematic phase; reveals the close analogy between the twist-bend nematic and the chiral smectic A phases: predicts the existence of TGB-like phases with twist-bend nematic slabs.
4	C. Meyer, G. Luckhurst, I. Dozov, J. Mater. Chem. C 3 , 2, 318-328 (2015).	First measurement of the temperature dependence of the heliconical tilt angle in the twist-bend nematic phase; demonstration of the splay-bend structure of the defect walls separating the monochiral twist-bend domains
5	C. Meyer, G. Luckhurst, I. Dozov, Phys. Rev. Lett. 111 , 067801 (2013).	Experimental observation and theoretical model of the fast ($< 1 \mu\text{s}$) electro-clinic effect in the twist-bend nematic; first indication of the nanometer-scale of its heliconical pitch; direct confirmation of the doubly degenerate chirality of the phase.
Valorisation <i>brevet, licence, création d'entreprise, développement de logiciel, base de données, prototype, etc. / patent, creation of a start-up, software development, database, prototype, etc.</i>		