



## Application Form

PhD project preference choice N°	First	Second	Third

### 1. General information

Last Name:		First Name:		Middle Name(s):	
Gender:	Date of Birth:	Place of Birth:	Nationality/ Citizenship:		
Male					
Female					
Marital status					

### Address

Street:		
Postal code:	City:	Country:
E-mail:		
Phone No.		

### Project selection

After reading the proposed subjects of the ESR positions on the website, select up to 3 projects for your research work (first choice will be considered as the preferred one).

N°	Project	Employer	Country	Choice
PhD#1	Organic Solvent Nanofiltration (OSN) applied to alkoxycarbonylation media in methanol/ethanol using single step or cascades Submission: <a href="https://theses.doctorat-bretagne.fr/dn-chimsep">https://theses.doctorat-bretagne.fr/dn-chimsep</a>	Univ Rennes	France	
PhD#2	Ring-closing metathesis (RCM) of bio-sourced precursors Submission: <a href="https://theses.doctorat-bretagne.fr/dn-chimsep">https://theses.doctorat-bretagne.fr/dn-chimsep</a>	Univ Rennes	France	
PhD#3	Atomic and molecular dynamic modelling of Organic Solvent Nanofiltration (OSN) Submission:	Univ Rennes	France	



	<a href="https://theses.doctorat-bretagneoire.fr/dn-chimsep">https://theses.doctorat-bretagneoire.fr/dn-chimsep</a>			
PhD#4	New synthetic design and catalytic engineering toward long-chain polymer precursors from renewables Submission: <a href="https://theses.doctorat-bretagneoire.fr/dn-chimsep">https://theses.doctorat-bretagneoire.fr/dn-chimsep</a>	Univ Rennes	France	
PhD#5	Feasibility & limitation of Membrane Distillation in olefin metathesis in ethylacetate/dimethylcarbonate Submission: <a href="https://theses.doctorat-bretagneoire.fr/dn-chimsep">https://theses.doctorat-bretagneoire.fr/dn-chimsep</a>	Univ Torun	Poland	
PhD#6	New olefin metathesis catalysts designed for efficient OSN separation and lactone synthesis Submission: <a href="https://theses.doctorat-bretagneoire.fr/dn-chimsep">https://theses.doctorat-bretagneoire.fr/dn-chimsep</a>	Univ Warsaw	Poland	
PhD#7	Transition metal-based catalysts for hydrogenation & carbonylation of bio-based substrates Submission: <a href="https://theses.doctorat-bretagneoire.fr/dn-chimsep">https://theses.doctorat-bretagneoire.fr/dn-chimsep</a>	LIKAT Rostock	Germany	
PhD#8	Transfer hydrogenation of renewable platform chemicals Submission: <a href="https://theses.doctorat-bretagneoire.fr/dn-chimsep">https://theses.doctorat-bretagneoire.fr/dn-chimsep</a>	LIKAT Rostock	Germany	
PhD#9	Membranes and Process relationship in the design of sustainable, technical-economic new industrial OSN separations applied to transfer hydrogenation in ethanol Submission: <a href="https://theses.doctorat-bretagneoire.fr/dn-chimsep">https://theses.doctorat-bretagneoire.fr/dn-chimsep</a>	KU Leuven	Belgium	
PhD#10	Process integration of organic solvent nanofiltration based on membrane cascades and distillation. Application to hydroformylation in toluene Submission: <a href="https://theses.doctorat-bretagneoire.fr/dn-chimsep">https://theses.doctorat-bretagneoire.fr/dn-chimsep</a>	KU Leuven	Belgium	
PhD#11	Catalyst recycling using OSN with functionalised ceramic membranes Submission: <a href="https://theses.doctorat-bretagneoire.fr/dn-chimsep">https://theses.doctorat-bretagneoire.fr/dn-chimsep</a>	VITO	Belgium	
PhD#12	Advanced process monitoring by on-line fluorescence and advanced mathematical modelling in membrane distillation applied to alkoxy carbonylation of methyl-10-undecenoate in methanol Submission: <a href="https://theses.doctorat-bretagneoire.fr/dn-chimsep">https://theses.doctorat-bretagneoire.fr/dn-chimsep</a>	NOVA University Lisbon	Portugal	
PhD#13	Advanced process monitoring by on-line mass spectrometry and advanced mathematical modelling in membrane distillation applied to transfer hydrogenation of furfural in ethanol	NOVA University Lisbon	Portugal	



	<b>Submission:</b> <a href="https://theses.doctorat-bretagne.ire.fr/dn-chimsep">https://theses.doctorat-bretagne.ire.fr/dn-chimsep</a>			
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## Country of residence during the last 3 years

*Mobility requirements: candidates should not have spent more than 12 months during the last 3 years in the host country. For example, a candidate is living in France for more than 12 months, he/she can't eligible for PhDs1-4 projects in the project selection choice, but eligible for other country preferences. Researchers are required to undertake trans-national mobility (i.e. move from one country to another) when taking up the appointment. Short stays, such as holidays, are not taken into account.*

Starting Date	Ending Date	Country

## EDUCATION AND QUALIFICATIONS

*Early-Stage Researchers: All applicants should be within the first four years of their research career and they should not hold a doctoral degree.*

*Academic requirements: All applicants should have the necessary degrees to access a PhD programme at the host institution (i.e. Master degree recognized in the host country, ECTS 120 ECTS corresponding to the European Credit System). Applicants should NOT hold a PhD degree by any university. All applicants should be able to communicate, read and write correctly in English.*

*Documentation: The Application Form should be accompanied by an official certificate of the applicant's grades (Degree and Master). Documents (application and grades) should be compiled in a single PDF document.*

### Graduate Degree

*Copy and paste the boxes as many times as needed.*

<b>Institution.</b> Specify full address, webpage and email of contact.	
<b>Title of the degree</b>	
<b>Country</b>	
<b>Start and End dates</b>	
<b>Number of ECTS</b>	
<b>Qualification.</b> Specify the range (i.e. 1 to 10).	

### Postgraduate studies (Master degree studies)

*Copy and paste the boxes as many times as needed.*

<b>Institution.</b> Specify full address, webpage and email of contact.	
<b>Title of the degree</b>	
<b>Country</b>	
<b>Start and End dates</b>	
<b>Number of ECTS</b>	



**Qualification.** Specify the range (i.e. 1 to 10).

### Other education (max 500 words)

*Include any additional information relevant to your academic (i.e. training courses. Please provide name location and dates).*

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### WORK EXPERIENCE

*Add as many rows as needed*

Employer name	Job Title	Date from	Date to	Duties and responsibilities

### Academic prizes, scholarships and awards

*Add as many rows as needed*

Name	Date	Description

### Research Achievements (max 500 words)

*Research projects, Scientific internships, laboratory experience, publications, abstracts at meetings, patents etc.*



**Additional skills relevant for the project (max 200 words)**

*•Details of any skills you have which prepare you for this training programme.*

**Motivation letter (max 1000 words)**



## REFEREES

*Provide the details of three referees that can be contacted for a reference letter.*

Name	Email address	Phone number	Institutional address	Professional Relationship to you

Please send this application form with all the documentation required on the platform only <https://theses.doctorat-bretagneoire.fr/dn-chimsep>

If you apply to various positions, send this application form for each position you are applying for.

For example, if you choose to apply for PhD#1 and PhD#13, send your application form and the supporting documents to the respective PhD#n at <https://theses.doctorat-bretagneoire.fr/dn-chimsep>.

Nota: When applying on the platform <https://theses.doctorat-bretagneoire.fr/dn-chimsep>, you will see the following screen (partly in French and partly in English)



Ecole doctorale ChimSep - Doctoral Network  
MSCA Horizon Europe ChimSep  
Membrane separation & Homogeneous catalysis for the  
chemical industry of the future

Présentation de l'école  
doctorale

Déposer un sujet  
[espace encadrant]

Candidater sur un sujet  
[espace étudiant]

*ChimSep* will contribute to the **scientific, societal & economic** impacts related to the development of the **"chemical factory of the future"** able to implement efficient and selective transformations in a safe, environmentally responsible and sustainable way. This will be achieved by following an **eco-conception approach of synthesis & separation approved by *ChimSep* associated industrial partners.**

Then click on "Candidater sur un sujet (espace étudiant)"

The following indications are in English