

# 연수 제안서

연구 분야	Chemistry/chemical engineering/materials science
연구 과제명	Energy Storage / Flow Batteries
연수 제안 업무	Membrane development
<p>(연수 내용)</p> <p>- 연수기간 : 2021.01-2021.12</p> <p>- 연수 내용 :</p> <ul style="list-style-type: none"> <li>- 1 intern and 1 postdoc</li> <li>- Fabrication of advanced membranes for use in flow batteries</li> <li>- Characterisation of membrane properties (conductivity, permeability, mechanical strength, chemical composition, chemical stability, etc.)</li> <li>- Collaboration with a battery group for testing the membrane</li> <li>- Preparation of presentations, patents and publications</li> <li>- Presentation at conferences</li> <li>- support administrative work (e.g. report writing)</li> <li>- ability to communicate in English</li> </ul>	
<p>소속 부 서 : Center for Hydrogen·Fuel Cell Research</p> <p>연수 책임자 : Dirk Henkensmeier</p>	