

**Konstantinos E. KAKOSIMOS, Ph.D.**  
Assistant Professor | Chemical Engineering

## Researcher Position

<b>Position Title</b>	Postdoctoral Research Fellow or Research Associate
<b>Job Type</b>	Full-Time, 1-3 years
<b>Starting Date</b>	As soon as possible (~ 4 months to process VISA and relocation)
<b>Department</b>	Chemical Engineering, Texas A&M University at Qatar
<b>Research Field</b>	<b>Solar photo- and thermo-chemical processes</b>
<b>Major/ Essential Duties of Job</b>	<ul style="list-style-type: none"> <li>• research activities related to the <b>numerical and experimental development of novel solar driven/ assisted processes for energy production and pollution control</b></li> <li>• prepare or assist in writing manuscripts for publication in refereed journals and other technical publications</li> </ul>
<b>Occasional Duties</b>	<ul style="list-style-type: none"> <li>• have independent or supervisory roles in research</li> <li>• participate in preparation of proposals to funding agencies and</li> <li>• supervision of new graduate and/or undergraduate students</li> </ul>
<b>Required Education and Experience</b>	<ul style="list-style-type: none"> <li>• Doctoral degree or Master in Engineering or a closely related field</li> <li>• Strong theoretical research implementation</li> <li>• Advanced knowledge of Computational Fluid Dynamics</li> <li>• Experience on Solar Research activities</li> <li>• Strong written and verbal communication skills</li> </ul>
<b>Preferred Experience</b>	<ul style="list-style-type: none"> <li>• Transport phenomena</li> <li>• Solar simulators</li> <li>• Commercial and Open Source CFD software packages (e.g. ANSYS, OpenFOAM)</li> <li>• Programming Languages (Fortran, C++ etc)</li> <li>• Data acquisition and processing with Matlab/ Labview</li> </ul>
<b>Salary/ Pay Basis</b>	Commensurate up to 3,400 USD/ Monthly (based on qualifications)
<b>Location</b>	Doha, Qatar (relocation is necessary)
<b>Benefits</b>	<ul style="list-style-type: none"> <li>• furnished housing,</li> <li>• annual home leave allowance,</li> <li>• schooling for dependents,</li> <li>• vehicle allowance,</li> <li>• medical insurance and</li> <li>• relocation and repatriation expenses</li> </ul>
<b>Submit Applications and questions via e-mail</b>	<ul style="list-style-type: none"> <li>• Cover Letter</li> <li>• CV</li> <li>• Contact information of 3 referees. Reference letters can also be attached</li> </ul>
<b>Deadline</b>	N/A