



Motivation for Doctoral Training



Ntumba Lobo

Nagoya Institute of Technology, Nagoya, Japan

Department of Electrical and Mechanical Engineering Doctoral course 2nd year Kato Laboratory

D.R.Congo



UNIKIN



Academic Background

Academic

- 2007-2012 Bachelor
- 2017-2020 Master
- 2020 up to date PhD Student

JAPAN



Why aspiring to earn a doctoral degree?

Bachelor in Physics

Contribution to the nondestructive characterization of reinforced concrete by the ultrasonic method



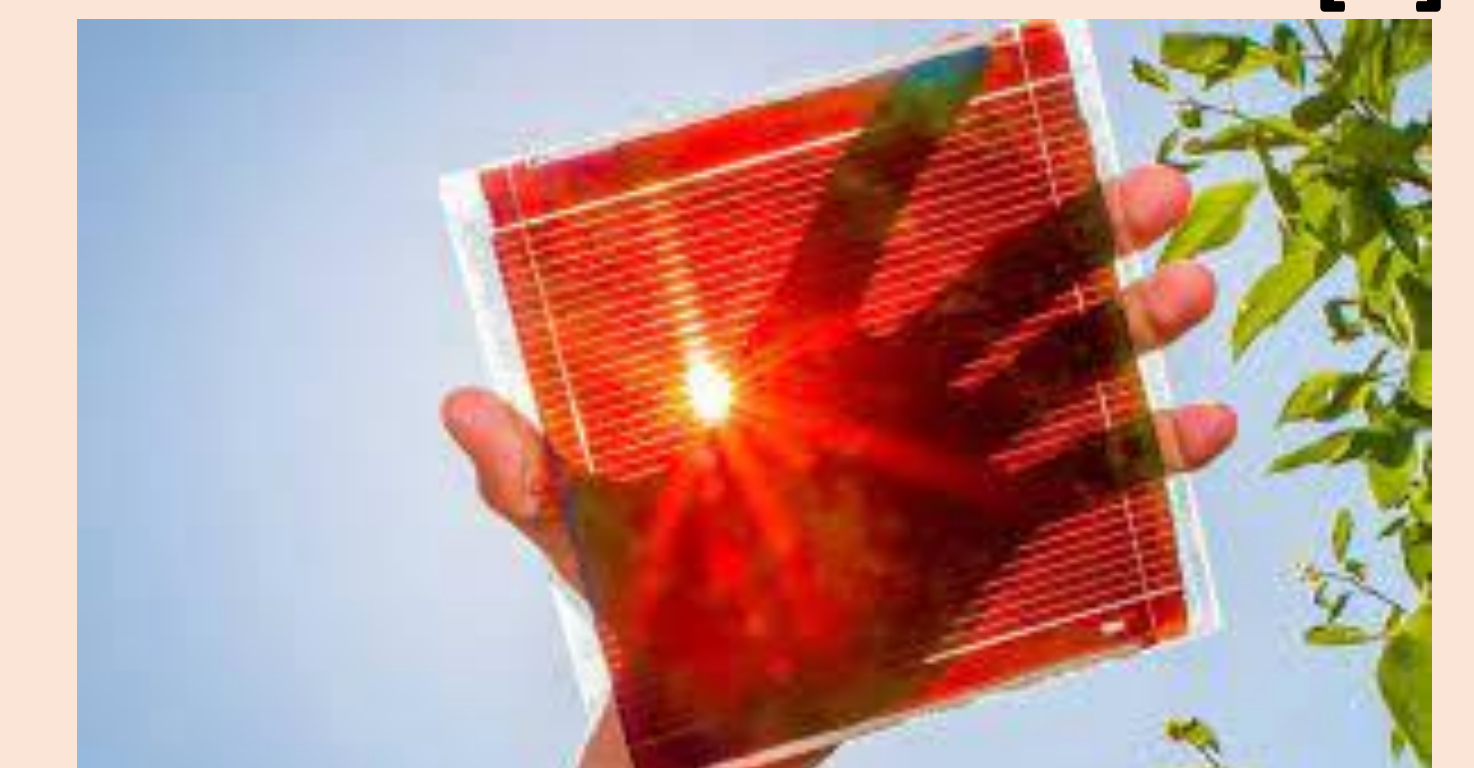
Master in global course of science and Engineering

[1] Clean energy (Hydrogen storage Energy material) But this technology is so advance, and for now is not applicable for my country , so I decide to change.



PhD, on solar Energy And I'm focus on perovskite solar cell

Understanding the factor affecting the lifetime of this type of solar cell



Skills Earning [3]

Academic Skills

- Aptitude for Research
- Critical and Creative Thinking
- Academic Presentation
- Teaching
- Intellectual Strength
- Focus, Tenacity, Stamina and Discipline

Career-related Skills

- Management and Organization
- Communication
- Research
- Service
- Problem Solving
- Presentation

Personal and Interpersonal Skills

- Personal Effectiveness
- Time Management
- Project Management
- Stress/Anxiety Management
- Leadership and Team Building
- Persuasion
- Consensus-Building

Summary [3]

Benefits of earning a doctoral degree can include but are not limited to: Sense of accomplishment. Increased recognition personally and professionally. Credibility for being an expert and researcher in your field.

[1]<https://trends.archiexpo.fr/project-279370.html>

[2]<https://www.tno.nl/en/about-tno/events/2021/perovskite-solar-cells/>

[3]<https://www.ncu.edu/student-experience/online-education-guide/doctoral-education/why-get-a-doctoral-degree#gref>