CURRICULUM VITAE

PERSONAL DATA

Name	Dr. Fawaz Almutairi
Nationality	Saudi
Position	Assistent Professor
E-Mail	Fkalmutairi@imamu.edu.sa
Phone	0112581778

EDUCATION

Year	Academic Degree	Institution
2009-2014	Bachelor	**Imam Mohammad Ibn Saud Islamic University**
2016-2017	Master	**University of Sheffield**
2018-2023	PhD	**University of Sheffield**

WORK EXPERIENCE

Period	Position	Address
08/2023 - Current	**Assistant Professor**	**Imam Mohammad Ibn Saud Islamic University**
01/2014 - 08/2015	**Teaching Assistant**	**Imam Mohammad Ibn Saud Islamic University**

RESEARCH INTERESTS

Dr. Fawaz Khalid Almutairi's research focuses on **solid-state physics and functional ceramic materials**, with emphasis on **defect chemistry, redox-active oxygen behavior, and electrical transport in complex oxides**. His work explores the link between **structure, composition, and conductivity** to develop **sustainable, high-performance oxide materials** for **energy and environmental applications**. Current interests include **resistive-switching in doped oxides, high-entropy oxide conductors derived from desalination brine, and field-assisted sintering techniques**.

PUBLICATIONS

- **Alotaibi, Meshari, Fawaz Almutairi, and Anthony R. West.**

"Resistive-switching in yttria-stabilized hafnia ceramics."

Journal of the American Ceramic Society **106.2 (2023): 822-**

828.

- **Almutairi, Fawaz, Meshari Alotaibi, and Anthony R. West.**

"Metal-insulator transition and resistive switching in Y-doped

CeO 2 ceramics." ***Physical Chemistry Chemical Physics*** **25.48**

(2023): 33056-33063.

- **Almutairi, Fawaz, Meshari Alotaibi, and Anthony R. West.**

"Flash luminescence, resistive switching and metal-insulator

transitions in ceramic oxides." ***Acta Materialia*** **276 (2024):**

120003.