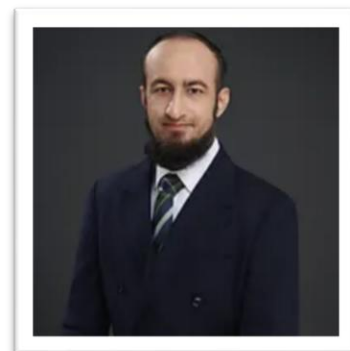


Soban Muddassir Dar 简历

个人基本情况

- 出生年月：1988 年 12 月 26 日
- 国 籍：巴基斯坦
- 民 族：穆斯林
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教育背景



东南大学，中国-南京

材料科学与工程博士，2015 年 9 月-2020 年 1 月



古拉姆·伊沙克·汗工程科学与技术学院，巴基斯坦

材料工程硕士，2011 年 9 月-2013 年 12 月



旁遮普大学，巴基斯坦-拉合尔

冶金与材料工程学士，2006 年 9 月-2010 年 12 月

所获荣誉和奖励

2018 年 7 月 19 日-20 日 韩国济州岛

国际金属材料加工与制造会议(ICMMPM) 最佳论文奖

2017 年 9 月 19-22 日 中国长沙

中国有色金属学会主办的第十一届材料物理冶金与化学研讨会优秀报告奖

2011 年-2013 年 巴基斯坦-开伯尔普赫图赫瓦省

古拉姆·伊沙克·汗工程科学与技术学院为材料工程专业研究生提供助学金/奖学金

研究方向

High temperature light alloys

Metal matrix composites

Materials processing and characterization

工作经历



上海交通大学，中国-上海

材料科学与工程博士后研究员，2024 年 12 月-至今



江苏大学，中国-江苏镇江

材料科学与工程副教授，2022 年 10 月-2024 年 8 月



江苏大学，中国-江苏镇江

材料科学与工程博士后研究员，2020 年 7 月-2022 年 9 月

科研项目

1. Creep behavior study of heat resistant aluminum alloys strengthened by second phase particples funded by **Jiangsu Key Laboratory of Advanced Metallic Materials**, Grant no. BM200 7204 and **Fundamental Research Funds for Central Universities**, Grant no.2242016k40011
2. Synthesis of hybrid nanoparticles reinforced aluminum matrix composites under acoustic-magnetic fields and creep mechanisms study, funded by **National Natural Science Foundation of China**, Grant no. 52071158

学术论文

1. Vignesh Babu Rajendren, Farooq Ahmad, Sami Ullah Khan, **Soban Muddassir Dar**, Xizhou Kai, Yutao Zhao, Effect of different heat treatment on thermal and electrical conductivity, and microhardness of Erbium-reinforced in-situ processed (ZrB₂/Al₂O₃) 7085 AA nanocomposites for high temperature applications, *Ceramics International* 51 (2025) 885-907.
2. Vignesh Babu Rajendren, Muhammad Raies Abdullah, Farooq Ahmad, Sami Ullah Khan, **Soban Muddassir Dar**, Xizhou Kai, Yutao Zhao, Role of graphene in metal matrix functional composites: a review, *Composite Interfaces* (2024) 1-74.
3. Farooq Ahmad, Vignesh Babu Rajendren, Xizhou Kai, S.S.A. Shah, Sami Ullah Khan, **Soban Muddassir Dar**, Ahmad Naveed, Abdul Wasy Zia, Yutao Zhao, Role of scandium addition to microstructure, corrosion resistance, and mechanical properties of AA7085/ZrB₂+Al₂O₃ composites, *Journal of Alloys and Compounds* 1005 (2024) 176065.
4. Farooq Ahmad, R. Vignesh Babu, Xizhou Kai, Muhammad Raies Abdullah, Mahadi Hasan, **Soban Muddassir Dar**, Abdul Wasy Zia, Yutao Zhao, Lin Zhang, Oxygen concentration – A governing parameter for microstructural tailoring of duplex AlCrSiON coatings for superior mechanical, tribological, and anti-corrosion performance, *Journal of Alloys and Compounds* 1002 (2024) 175345.
5. **Soban Muddassir Dar**, Yutao Zhao, Xizhou Kai, Zhuangzhuang Xu, Microstructure, mechanical and strain hardening properties of squeezed 6016Al matrix composites synthesized under electromagnetic field, *Materials Characterization* 201, (2023) 112913.
6. **Soban Muddassir Dar**, Yutao Zhao, Xizhou Kai, Zhuangzhuang Xu, Effects of Squeezing Pressure and Hot Rolling on (Al₃Zr/Al₂O₃+ZrB₂)/6016Al Nanocomposites Synthesized Under Electromagnetic Field, *JOM* 75 (2023) 1319-1332.
7. **Soban Muddassir Dar**, Yutao Zhao, Xizhou Kai, Zhuangzhuang Xu & Chuang Guan, Strength-Ductility Relationship of Squeezed In-Situ (ZrB₂ + Al₃Zr/Al₂O₃) Nanoparticles-Reinforced 6016Al Matrix Composites, *International Journal of Metalcasting* 17 (2022) 1650-1660
8. **Soban Muddassir Dar**, Yutao Zhao, Xizhou Kai, Zhuangzhuang Xu, & Chuang Guan, Synthesis and

Properties of Squeezed In-Situ (ZrB₂ + Al₂O₃/Al₃Zr) Nanoparticle-Reinforced 6016Al Matrix Composites, Science of Advanced Materials 14, (2022) 1107 – 1115.

9. **Soban Muddassir Dar**, Yutao Zhao, Xizhou Kai, Chuang Guan, Zhuangzhuang Xu, Effect of External Pressure on the Microstructure and Mechanical Properties of in-situ (ZrB₂+Al₂O₃/Al₃Zr)/6016 Nanocomposites, International Journal of Metalcasting, 16, (2022) 2162 – 2174

10. **Soban Muddassir Dar**, Hengcheng Liao, Aiqun Xu, Quasicrystalline phases in conventionally cast Fe-containing Al-Cu-Mn alloys and its evolution during the annealing at 530° C, Materials Letters, 301 (2021) 130322.

11. **Soban Muddassir Dar**, Hengcheng Liao, Baojun Zhao, Creep behavior of two near eutectic Al-Si-Cu-Mn alloys containing dendrite/rod like Mn-rich phases and modified star type Cr-Mn rich phase, Metallurgical and Materials Transactions A , 51 (2020) 1634-1646.

12. **Soban Muddassir Dar**, Hengcheng Liao, Creep behavior of heat resistant Al-Cu-Mn alloys strengthened by fine (θ') and coarse (Al₂₀Cu₂Mn₃) second phase particles, Materials Science and Engineering A 763 (2019) 138062.

13. **Soban Muddassir Dar**, Hengcheng Liao, Aiqun Xu, Effect of Cu and Mn content on solidification microstructure, T-phase formation and mechanical property of Al-Cu-Mn alloys, Journal of Alloys and Compounds 774 (2019) 758-767.

会议报告

1. **Soban Muddassir Dar**, HengCheng Liao, and GuangJing Li, “T-phase formation and its effect on mechanical properties of Al-Cu-Mn alloys” , International Conference on Metal Material Processes and Manufacturing(ICMMPM), 19-21 July 2018, Jeju Island, South Korea

2. **Soban Muddassir Dar**, Yutao Zhao, Hengcheng Liao, Xizhou Kai, “Microstructure Evolution and Coarsening of θ' -Al₂Cu Precipitates in a Creep Aged Al-Cu-Mn Alloy, 2nd International Conference on Mechanical Engineering and Materials (ICMEM), 19-20 Nov. 2021, Beijing, China

著作

1. Translation and editing of book “原位合成铝基复合材料” into English entitled “In-situ Synthesis of Aluminum Matrix Composites”.

资质

- Pakistan Engineering Council, Registered Engineer (Metal 2559)