Martina Dienstleder
[redacted]
Tel.:[redacted]
Email:[redacted]

Curriculum vitae

Employment / occupational field

General sample preparation for electron microscopy
Scanning Electron Microscopy (SEM) Operator
Focused Ion Beam (FIB) Operator

Profession/function

Chemical laboratory technician / FIB SEM specialist

Period

since 1997	Technical employee at the ZENTRUM für ELEKTRONENMIKROSKOPIE
1997 – 1993	Apprentice as Chemical laboratory technician at the Research Institute for Electron Microscopy

Professional experience

More than 25 years of preparation experience for transmission and scanning electron microscopy, SEM and FIB user

Key activities / responsibilities

Specialist for scanning and transmission electron microscopy sample preparation and analysis

Mechanical, chemical and electrolytic sample preparation

Sputtering and vapor deposition techniques

FOCUSED ION BEAM techniques
(high and low voltage argon ion milling, Ga-FIB techniques)

<u>Project collaboration:</u>
CopPeR (2008-2010)
ESIP (2010-2013)
ESTEEM 2 (2012-2016) ESTEEM 3 (2019 - 2023)
AKHM powder metallurgy (2015 - 2018)
SENTECH (2016 - 2019)
PROTEC (2019 - 2023)
IREL (2020 - 2023)
INSIGHT (2021 - 2024)
ASSESS (2024 – ongoing)
ELISHA (2024 – ongoing)

<u>Organizational collaboration:</u>
EFUG (Mentor 2014, 2015),
EuFN (workshop organization 2017),

Co-supervision of bachelor and master theses in the field of sample preparation / FIB / SEM / TEM
Apprentice training

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Professionally relevant activities

57 Scientific contributions (articles, lectures and presentations)
https://graz.pure.elsevier.com/en/persons/martina-dienstleder/publications/

Invited lectures MCM 2015; MCM 2022

Since 2008 various visits to microscopy conferences with lectures

Invited lecture on FIB preparation during the "European School on Advanced TEM Sample Preparation" at the MPI Stuttgart in the ESTEEM 2 project

Language skills

German (mother tongue)
English spoken and written

Awards

FEI Image Contest Winner 2001

Special personal characteristics

Communicative, committed, determined, stress-resistant and mediator with a down-to-earth and realistic mindset and work ethic.
Eager to learn and thirsty for knowledge

L'originale compilato e sottoscritto è depositato presso gli Uffici dell'Ente