

# GIREP medal 2020 to Gesche Pospich

for significant and durable contributions at all levels to the physics education community



Gesche Pospiech is since from 2004 Chair of Didactics of Physics at TU Dresden

1987 Degree in mathematics with physics (Diplom), University of Heidelberg

1988 to 1990 Scientific assistant at the "Sonderforschungsbereich" "Stochastische mathematische Modelle", University Heidelberg.

1992 Dr. rer. nat. in Mathematics, University Heidelberg

2002 Habilitation in Physics Education at the Johann Wolfgang Goethe-University Frankfurt with a topic on "Quantenphysik und Weltbild - didaktische Überlegungen,, and the

2002 Prize of the Willkomm Foundation for the best postdoctoral thesis in natural sciences at the University of Frankfurt

2002 to 2004 Teacher for mathematics and physics at Gymnasium Teaching assignments at several universities (PH Heidelberg, University of Koblenz, University Frankfurt)

# GIREP medal 2020 to Gesche Pospiech

2006 - 2021

Member of the board of the Center for Teacher Education and Research on School and Vocational Education (ZLSB) of the TU Dresden

Since 2006

Member of the study commission resp. expert commission of the physics department for the teacher training programs in physics

2008 - 2012

Deputy Equal Opportunities Officer of the Faculty of Mathematics and Sciences of the TU Dresden

2008 – 2012 and 2021

Dean of Studies at the Center for Teacher Education and Research on School and Vocational Education (ZLSB) for teacher education degree programs



# GIREP medal 2020 to Gesche Pospiech

Gesche is active in GIREP from the Conference of 1998 in Duisburg

She participate in GIREP Seminars and GIREP conferences and WCPE from 1998, contributing with her research on

- mathematics in physics education and on
- quantum physics for high school's

She founded in 2013 and lead up to now the GTG Mathematics in physics education, organizing the GIREP Symposium on the topic Mathematics in physics education in 2016 as preparation for publication of the SPRINGER book on the same topic

She contribute to GIREP activities as member of the GIREP BOARD from 2017 to the new elections in 2019.

GIREP assign to Gesche Pospiech the 2020 medal for significant and durable contributions at all levels to the physics education community

