

vizualnih reprezentacij pri zgodnji matematiki. Pri delu s študenti posebej poudarja aktivne oblike učenja in poučevanja.

Manja Podgoršek is assistant for mathematics education at Faculty of Education Maribor. Her main research field is connected to visual representations in early mathematics. When working with future teacher her emphasis lies on active methods of learning and teaching.

#### Jasmina Ferme

Jasmina Ferme je asistentka za matematiko na Fakulteti za kmetijstvo in biosistemske vede, občasno pa delo asistentke opravlja tudi na Pedagoški fakulteti Univerze v Mariboru.

Jasmina Ferme is assistant for mathematics at Faculty of Agriculture and Life Sciences, but occasionally she works also at Faculty of Education Maribor.

#### Alenka Lipovec

Alenka Lipovec poučuje matematiko in didaktiko matematike na Pedagoški fakulteti v Mariboru. Raziskovalno se ukvarja predvsem z razvojem zgodnjih matematičnih pojmov znotraj pouka matematike, s smiselnim vključevanjem IKT in staršev ter z medpredmetnim povezovanjem v okviru RME in CLIL pristopov.

Alenka Lipovec lectures mathematics and mathematics education at Faculty of Education Maribor. Her research focus is early development of mathematics concepts within school settings, efficient incorporation of ICT, parental engagement and cross curricular themes in frame of RME and CLIL approach.

#### Barbara Japelj Pavešič

Njeno širše področje raziskovanja je statistika družboslovnih podatkov, ožje pa modeliranje meritev znanja, s poudarkom na preučevanju znanja matematike po vsej izobraževalni vertikali od vrtca do univerze. Že od začetka izvajanja mednarodne raziskave IEA TIMSS, leta 1995, je sodelavka in od 1999 nacionalna koordinatorica vseh nadaljnjih izvedb raziskav. Je tudi avtorica nacionalnih poročil zadnjih dveh, TIMSS 2015 in TIMSS Advanced 2015.

Her research interest in statistics in social science, with focus on modeling of measurement of knowledge, especially study of mathematical achievement of students from kindergarten to university.

She has conducted IEA international large-scale assessment TIMSS since its inception in 1995, and was the national research coordinator of all