UNIVERSITY OF LJUBLJANA | FKKT Faculty of Chemistry and Chemical Technology

BIOGRAFIJA

Janez Cerar je studirao hemiju na Univerzitetu u Ljubljani, a nakon odbrane magistarskog rada radio je sedam meseci u laboratoriji za HPLC i masenu spektrometriju farmaceutske kompanije Lek u Ljubljani. Nakon toga je radio kao asistent u nastavi na Fakultetu za hemiju i hemijsku tehnologiju Univerziteta u Ljubljani, gde je započeo i doktorske studije. Doktorirao je iz oblasti fizičko-hemijskih svojstava vodenih rastvora elektrolita na bazi fulerena. Njegove postdoktorske studije na departmanu za biohemiju, biofiziku i makromolekularnu hemiju Univerziteta u Trstu, Italija, fokusirale su se na kalemljenje oligosaharida na (bio)polimere. Po povratku u Ljubljanu naučni rad nastavlja kao asistent na Fakultetu za hemiju i hemijsku tehnologiju, gde je kasnije izabran u zvanje docenta, a 2017. godine i za vanrednog profesora.

Njegova glavna istraživačka interesovanja obuhvataju fizičko-hemijska svojstva vodenih rastvora elektrolita i polielektrolita i jono-specifične efekte u ovim rastvorima, dok se u poslednje vreme bavi i karakterizacijom duboko-eutektičkih rastvarača.

Janez Cerar studied chemistry at the University of Ljubljana and worked in the HPLC and mass spectrometry laboratory of the pharmaceutical company Lek in Ljubljana for seven months after completing his MSc. He then worked as a teaching assistant at the Faculty of Chemistry and Chemical Technology at the University of Ljubljana, where he also began his doctoral studies. He received his Ph.D. degree in chemistry for his work on the physicochemical properties of aqueous solutions of fullerene-based electrolytes. His postdoctoral studies at the Department of Biochemistry, Biophysics and Macromolecular Chemistry at the University of Trieste, Italy, focused on the grafting of oligosaccharides onto (bio)polymers. After returning to Ljubljana, he continued his work as a teaching assistant at the Faculty of Chemistry and Chemical Technology, where he was later also elected for assistant professor and in 2017 also for associate professor.

His main research interests include the physico-chemical properties of aqueous electrolyte and polyelectrolyte solutions and ion-specific effects in these solutions, while recently he has also been working on the characterisation of deep eutectic solvents.