



Macromolecular
Chemistry

**Advanced Applications of Photopolymerization:
From Frontal Polymerization to new Monomers for 3D Printing**

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Robert Liska received his Ph.D. degree in 1998 from the TU Wien. In 2006, he got his habilitation in the field of macromolecular chemistry at the Institute of Applied Synthetic Chemistry. He is the leader of the research group "Polymer Chemistry and Technology" and his current research interests are in the field of photoinitiation, photopolymerization, 3D-printing, and biomedical polymers. He has published more than 200 papers in peer reviewed journals. Up to now more than 30 patent families have been filed. Since 2012 he is also the head of the [Christian Doppler laboratory for digital and restorative dentistry](#) and member of the [Austrian Cluster for Tissue Regeneration](#). Since 2016 he is full professor for "Organic Technology" at the TU Wien. In 2021 he received the [H.F. Mark medal](#) together with Prof. Jürgen Stampfl for their activities in the field of 3D Printing. Based on the research of the last 20 years, five start up companies ([Lithoz](#), [Cubicure](#), [UpNano](#), [SpeedPox](#) and [BioDGraft](#)) have been founded. Currently, the group consists of 4 post-docs and 20 PhD students.