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*Workshop dedicated to the memory of Professor Gabriela Kohr  
(3rd edition)*

**Geometric Function Theory in Several Complex Variables and Complex Banach Spaces**

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## **Fekete-Szegö inequalities on the unit ball of a complex Banach space**

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### **Abstract**

In this talk, we survey the recent results on the Fekete–Szegö inequalities for  $g$ -starlike mappings and for the first elements of  $g$ -Loewner chains on the unit ball of a complex Banach space. This is a joint work with Gabriela Kohr and Mirela Kohr.