Contribution Title:	NUMERICAL RANGE AND QUASI-SECTORIAL CONTRACTIONS
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Invited speaker:	
YRS seminar:	NO

We apply a method developed by one of the authors (Yu Arlinskii) , to localize the numerical range of *quasi-sectorial* contractions semigroups. Our main theorem establishes a relation between the numerical range of quasi-sectorial contraction semigroups $\{\exp(-tS)\}_{t \geq 0}$, and the maximal sectorial generators S. We also give a new prove of the rate $O(1/n)$ for the operator-norm Euler formula approximation: $\exp(-tS) = \lim_{n \to \infty} (I + tS/n)^{-n}$, $t \geq 0$, for this class of semigroups.