1161-82-173 **Cristian Micheletti*** (michelet@sissa.it), SISSA, Trieste, Italy. *Knots and links in channel and slit confinement: static and dynamics.*

I will report on a series of studies where we looked at how the static and dynamics of entangled polymers is affected by confinement. Specifically, I will first by consider the knotting of semi-flexible chains inside channels of different size and discuss how the size and complexity evolves during the free or externally-driven dynamics of the chain[1,2]. Next, I will turn to the case of linked rings inside channels and slits and discuss how the size and dynamics of their linked portion responds to different types of confinement[3,4].

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