

## Fifth Workshop on Millimetre Astronomy in Italy



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### **Violette Impellizzeri - EHT & ALMA: a view of the local Universe (Invited)**

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MmVLBI has revolutionised our view of black holes and have provided some of the most striking, high resolution images obtained by mmVLBI, like the first images of a supermassive black hole obtained by the Event Horizon Telescope collaboration (EHTC). But beyond these two best studied targets, M87 and SgrA\*, the EHTC has been exploring a variety of nearby AGN allowing to study different local environments and jet properties. In this talk I will present an overview of the AGN that are targeted with mmVLBI at 1.3mm and 3mm, highlighting some of the recent results that have been obtained. MmVLBI is a powerful tool not only for observations of the accreting material at tens of mas resolution, but will be critical - especially as more baselines become available around the globe - to study jet launching mechanisms and how these connect to the more extended jet material which is studied with cmVLBI at mas resolution.