

## **Anders Mannesson**

### **Publication List June 5, 2014.**

- Mannesson, A. (2013). *Joint Pose and Radio Channel Estimation*. Licentiate Thesis. Dept. of Automatic Control, Lund University, Sweden.
- Mannesson, A., M. A. Yaqoob, B. Bernhardsson, and F. Tufvesson (2012). “Radio and IMU based indoor positioning and tracking”. In: *IEEE Int. Conf. Systems, Signals and Image Processing*, pp. 32–35.
- Mannesson, A., A. Yaqoob, B. Bernhardsson, and F. Tufvesson (2014a). “Joint pose and radio channel estimation”. *IEEE Transactions on Signal Processing*. Submitted.
- Mannesson, A., B. Bernhardsson, A. Yaqoob, and F. Tufvesson (2014b). “Optimal virtual array length under position imperfections”. In: *IEEE Sensor Array and Multichannel Signal Processing Workshop (SAM)*. Accepted for publication.
- Yaqoob, M. A., A. Mannesson, F. Tufvesson, and B. Bernhardsson (2013). “Direction of arrival estimation with arbitrary virtual antenna arrays using low cost inertial measurement unit”. In: *IEEE Int. Conf. Communications - Workshop*, pp. 79–83.
- Yaqoob, M. A., A. Mannesson, F. Tufvesson, B. Bernhardsson, and N. R. Butt (2014). “On the performance of random antenna arrays for direction of arrival estimation”. In: *IEEE Int. Conf. Communications - Workshop*, pp. 193–199.