

## Publication relevant for ITPA application

- [1] **Vianello, N.**, Naulin, V., Schrittwieser, R., Müller, H. W., Zuin, M., Ionita, C., Rasmussen, J. J., Mehlmann, F., Rohde, V., Cavazzana, R., and Maraschek, M. (2011) “*Direct Observation of Current in Type-I Edge-Localized-Mode Filaments on the ASDEX Upgrade Tokamak*”, *Physical Review Letters* **106**, 125002.
- [2] **Vianello, N.**, Rea, C., Agostini, M., Cavazzana, R., Ciaccio, G., De Masi, G., Martines, E., Mazzi, A., Momo, B., Spizzo, G., Scarin, P., Spolaore, M., Zanca, P., Zuin, M., Carraro, L., Innocente, P., Marrelli, L., Puiatti, M. E., and Terranova, D. (Jan. 2015) “*Magnetic perturbations as a viable tool for edge turbulence modification*”, *Plasma Physics and Controlled Fusion* **57**, 014027.
- [3] Solano, E. R., **Vianello, N.**, Delabie, E., Hillesheim, J. C., Buratti, P., Refy, D., Balboa, I., Boboc, A., Coelho, R., Sieglin, B., Silburn, S., Drewelow, P., Devaux, S., Dodt, D., Figueiredo, A., Frassinetti, L., Marsen, S., Meneses, L., Maggi, C. F., Morris, J., Gerasimov, S., Baruzzo, M., Stamp, M., Grist, D., Nunes, I., Rimini, F., Schmuck, S., Lupelli, I., Silva, C., and Contributors, J. (Feb. 2017) “*Axisymmetric oscillations at L–H transitions in JET: M-mode*”, *Nuclear Fusion* **57**, 022021.
- [4] **Vianello, N.**, Tsui, C. K.-W. K.-W., Theiler, C., Allan, S., Boedo, J. A., Labit, B., Reimerdes, H., Verhaegh, K., Vijvers, W. A. J., Walkden, N., Costea, S., Kovačič, J., Ionita, C., Naulin, V., Nielsen, A., Rasmussen, J. J., Schneider, B. S., Schrittwieser, R., Spolaore, M., Carralero, D., Madsen, J., Lipschultz, B., and Militello, F. (Nov. 2017) “*Modification of SOL profiles and fluctuations with line-average density and divertor flux expansion in TCV*”, *Nuclear Fusion* **57**, 116014.
- [5] **Vianello, N.**, Carralero, D., Tsui, C. K., Naulin, V., Agostini, M., Cziegler, I., Labit, B., Theiler, C., Wolfrum, E., Aguiam, D., Allan, S., Bernert, M., Boedo, J., Costea, S., Oliveira, H. D., Fevrier, O., Galdon-Quiroga, J., Grenfell, G., Hakola, A., Ionita, C., Isliker, H., Karpushov, A., Kovacic, J., Lipschultz, B., Maurizio, R., McClements, K., Militello, F., Nielsen, A. H., Olsen, J., Rasmussen, J. J., Ravensbergen, T., Reimerdes, H., Schneider, B., Schrittwieser, R., Seliunin, E., Spolaore, M., Verhaegh, K., Vicente, J., Walkden, N., and Zhang, W. (2019) “*Scrape-off layer transport and filament characteristics in high-density tokamak regimes*”, *Nuclear Fusion* **60**, 016001.

## Declaration

I hereby declare that the above information are true and correct to the best of my knowledge and belief and in the event of any information being found false or incorrect, my candidature will be liable to be canceled.

Lausanne, November 4, 2019



(Nicola Vianello)