**You are cordially invited to a** **Medical Bioinformatics seminar**

**Dr. Chaim Linhart**

Co-founder & CTO, Ibex Medical Analytics

*"How AI is transforming cancer diagnosis in live clinical setting"*

Wednesday **September 9** at **11:00**

**Join us in the online seminar here**:  <https://zoom.us/j/93190294031>

**Abstract:** Pathology, the medical practice of examining tissue samples in order to diagnose diseases such as cancer, plays a key role in patient care and treatment selection. In recent years, pathology has been undergoing a major shift with the adoption of digital pathology – instead of viewing tissue slides under the microscope, pathologists can now work with digitally scanned slides, or whole slide images, on computer screens. Digitization opens new opportunities for improved workflow, archiving and remote consultation, and, most importantly, computational tools for diagnostic support. In this talk, I will present Ibex Medical Analytics, a startup company that is pioneering the field of Computational Pathology. Ibex has developed innovative algorithms for analyzing prostate and breast biopsies, based on cutting-edge Deep Learning technology. I will describe how these algorithms were developed and validated, and how the Ibex products are transforming the practice of pathology and cancer treatment. Some of the methods and results were published recently in The Lancet Digital Health (Pantanowitz et al., 2020).

Host: Prof. Ron Shamir, School of Computer Science, TAU