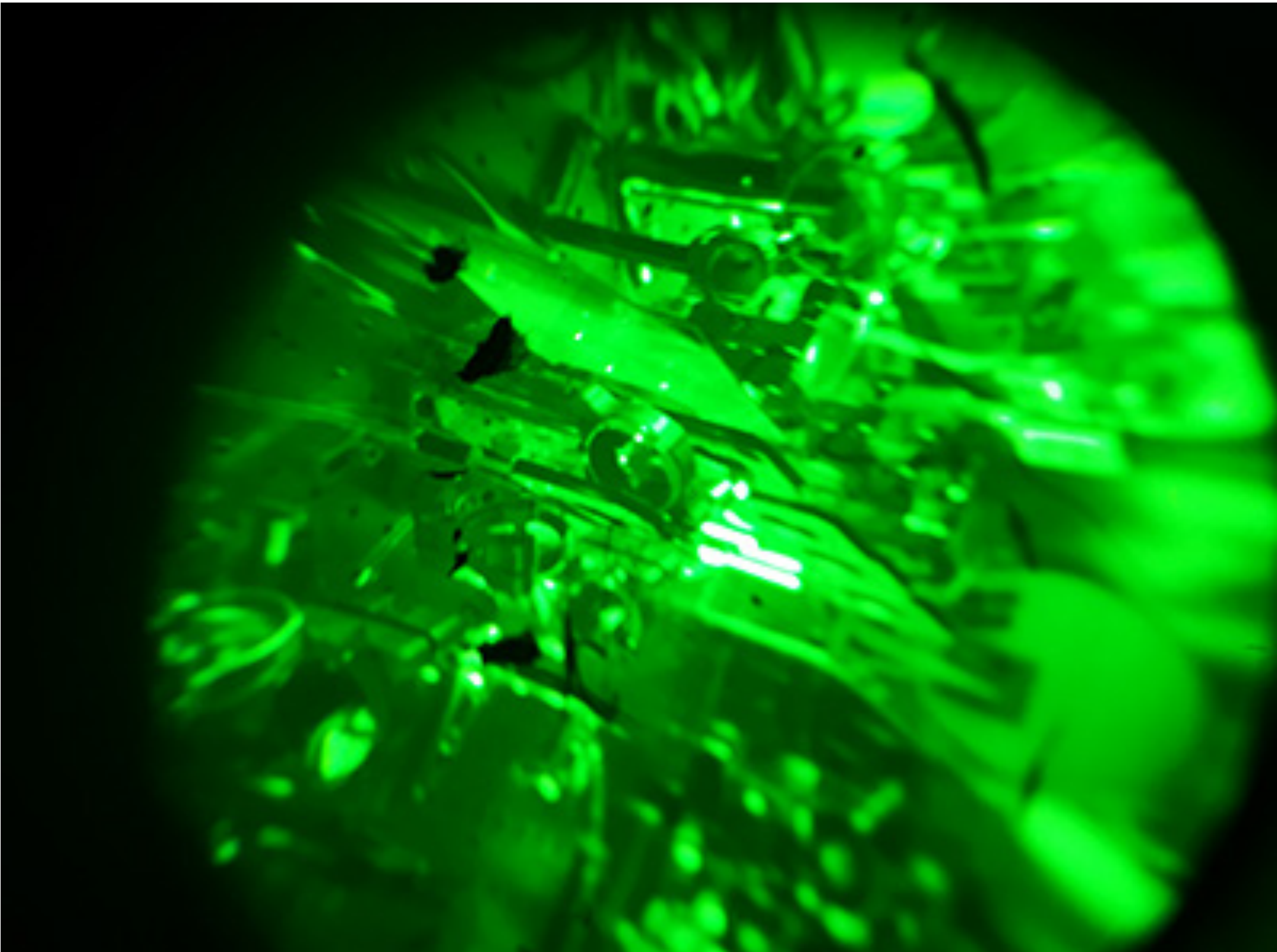© Pierre Walch, Institut Polytechnique de Paris