On the dyadotorus CHRISTIAN CHERUBINI, ANDREA GERALICO, JORGE RUEDA, REMO RUFFINI, ICRANet and University of Rome “Sapienza” — The “dyadotorus” is defined as the region around a Kerr-Newman black hole where pair creation by vacuum polarization occurs. This concept extends to the case of stationary geometries the concept of “dyadosphere” already introduced in the static case in the Reissner-Nordstrom geometry. The energetics of the dyadotorii, their topology and embedding diagrams are compared and contrasted to the ones of the black hole.