1154-14-526   **Huy Dang** (`hqd4bz@virginia.edu`), 141 Cabell Drive, 401 Kerchof Hall, Charlottesville, VA 22904, **Soumyadip Das** (`soumyadipp@gmail.com`), 8th Mile Mysore Road, Bangalore, 560059, India, **Kostas Karagiannis*** (`kkaragia@math.auth.gr`), 54124 Thessaloniki, Greece, **Andrew Obus** (`andrew.obus@baruch.cuny.edu`), 1 Bernard Baruch Way, New York, NY 10010, and **Vaidehee Thatte** (`thatte@math.binghamton.edu`), Binghamton, NY 13902-6000. *Lifting of wild cyclic-by-tame covers.* Preliminary report.

The generalized Oort Conjecture states that over an algebraically closed field k of positive characteristic $p > 0$ any cyclic-by-tame cover of smooth projective k-curves lifts to characteristic 0. Obus has shown that this conjecture holds given the existence of certain meromorphic differential forms on $\mathbb{P}^1$ with specified behavior under the Cartier operator. We will present a computational approach on the study of such forms and discuss in detail the cases of D_{25}-covers and D_{27}-covers. If time permits, we will discuss our progress on the general case. (Received September 06, 2019)