Progress on Conjectures in 'Digraphs'

Conjecture 6.10.12 of Gallai has been solved in S. Bessy and S. Thomasse, Spanning a strong digraph by α circuits: A proof of Gallai's conjecture, in: Bienstock, Nemhauser (Eds.), Integer Programming and Combinatorial Optimization, vol. 10, New York, 2004.

Conjecture 9.9.12 has been solved by Bang-Jensen and Yeo who proved that $f(k) = 74k$ suffices, see J. Bang-Jensen and A. Yeo, Decomposing k-arc-strong tournaments into strong spanning subdigraphs. Combinatorica 24 (2004), 331-349.

Conjecture 10.4.4 was recently solved in N. Alon, Ranking tournaments. *SIAM J. Discrete Math.* 20 (2006), 137–142
and, independently, by Pierre Charbit, Stephan Thomasse and Anders Yeo, see http://www.cs.rhul.ac.uk/home/anders/PAPERS/2005A.ps (to appear in Combinatorics, Probability and Computing).

Conjecture 11.1.36 has been solved in J. Feng, H.-E. Giesen, Y. Guo, G. Gutin, T. Jensen and A. Rafiey, Characterization of edge-colored complete graphs with properly colored Hamilton paths. *J. Graph Theory* 53 (2006), 333–346.