Electronic Supplementary Information for the Paper:

Ion Transport in a Class of Imidazole-Based Liquid / Solid Protonic Ionics

V. Tricoli, G. Orsini and M. Anselmi

Department of Chemical Engineering and Materials Science, University of Pisa, largo L. Lazzarino 1, 56122, Pisa, ITALY

Fig. S1 Thermogravimetric curves for the imidazole-based PICs.
**Fig. S2** DSC plots for the thermally stable imidazole-based PICs. Solid lines: starting heating curves. Dotted lines: cooling curves.
**Fig. S3** DSC plots for the thermally stable benzimidazole-based PICs (plot for sample (BimH)<sup>+</sup>(TFS)<sup>−</sup> is shown in Fig. 4 of the paper). Solid lines: starting heating curves. Dotted lines: cooling curves.