Errata for PhD thesis

Exploring the Frontiers of Polymer Electrolytes for Battery Applications – From Surface to Bulk

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Section	Page	Errata
Abstract		Dr. Sandrine Lyonnard (CEA, France) replaced Professor Stefano Passerini as opponent for the PhD defence.
List of papers		Page numbers are now available for **Paper II**: 785-790.
		The first name of the second author for **Paper V** is incorrect, it should be replaced with: Tjessem, T.
Comprehensive summary	14	Figure has been mistakenly labeled as “Figure 3”.
“	23	Figure 5: Shading of ROLi should be lighter in PEO:LiTFSI to indicate less decomposition of the polymer host. Shading of ROLi should be changed from light to medium-dark in PCL:LiTFSI to indicate moderate decomposition of the polymer host.
“	36	Figure 9: Shading representing “Cavity” should be changed to patterned black to differentiate “Cavity” from “Reversible lithium species” more clearly. The potential ranges for the first two “Oxidation” boxes should be changed from “3 → 3.8 V” and “3.8 → 5 V” to “3 → 4 V” and “4 → 5 V”, respectively.
Paper I		Authorship has been updated with two additional authors: Edvin Andersson, Christofer Sångeland, Elin Berggren, Fredrik Johansson, Danilo Kühn, Andreas Lindblad, Jonas Mindemark, Maria Hahlin
“		Figure 7: Shading of ROLi should be lighter in PEO:LiTFSI to indicate less decomposition of the polymer host. Shading of ROLi should be changed from light to medium-dark in PCL:LiTFSI to indicate moderate decomposition of the polymer host.

Paper III	5	Reference to CV measurements in Figure S2 (first sentence in the second paragraph on page 5) is incorrect. Figure S2 should be changed to Figure S3.
“	6,9	”Error! Reference source not found” should be referring to Figure 2.
Paper IV	15	Figure 9: Shading representing “Cavity” should be changed to patterned black to differentiate “Cavity” from “Reversible lithium species” more clearly. The potential ranges for the first two “Oxidation” boxes should be changed from “3→3.8 V” and “3.8→5 V” to “3→4 V” and “4→5 V”, respectively.
“	28	Figure S12: All peaks are slightly shifted to higher binding energies (~0.9 eV). This could be the result of mistakenly identifying the C=C peak as C-C/C-H.