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CORRECTION

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Correction: X-ray CT observation and characterization of water transformation in heavy objects

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Correction for 'X-ray CT observation and characterization of water transformation in heavy objects' by Satoshi Takeya *et al.*, *Phys. Chem. Chem. Phys.*, 2020, **22**, 3446–3454, DOI: 10.1039/c9cp05983k.

The authors would like to update Fig. 5 and 7 to correct errors present in the published version of the article.

On page 3451, the notations "PP" and "Nylon" in Fig. 5(a)–(d), and (f) are in the wrong place.

On page, 3452, Fig. 7(d) and (e) mistakenly reproduce a portion of Fig. 7 from a paper by Kerkar *et al.*[1] The relevant parts of the figure were correct in the original submission but were replaced in error upon submission of the revised manuscript when updating the figure in response to reviewer comments.

The correct versions of Fig. 5 and 7 are shown here.

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

References

1 P. B. Kerkar, K. Horvat, K. W. Jones and D. Mahajan, *Geochem. Geophys. Geosyst.*, 2014, **15**, 4759–4768.

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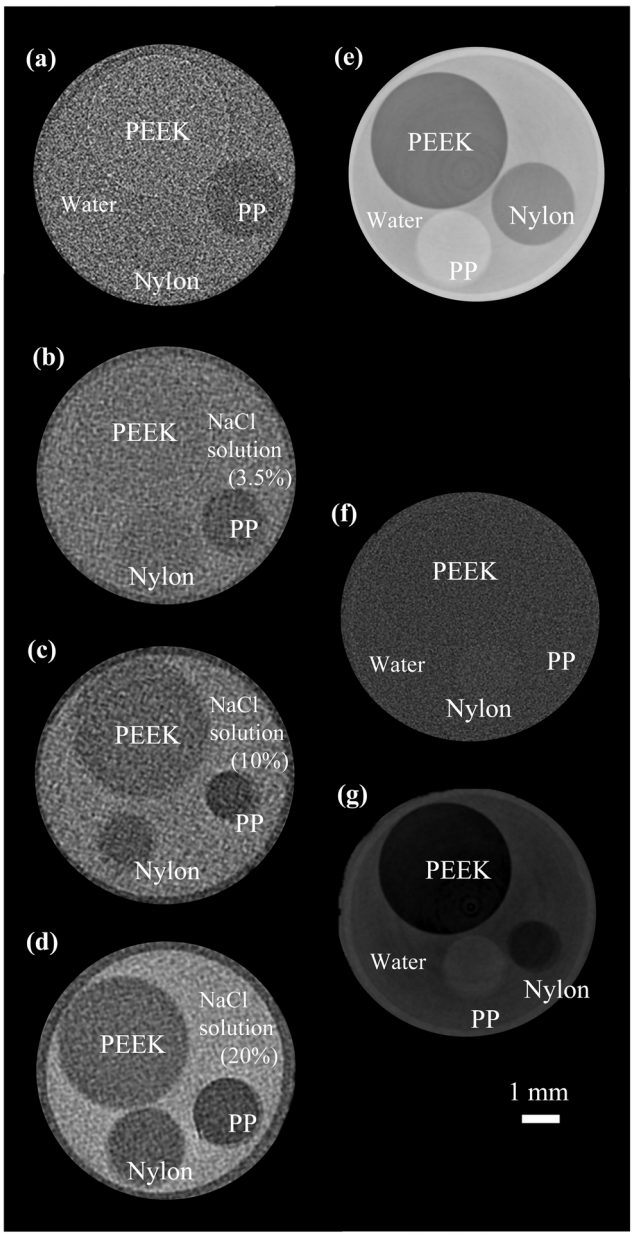

Fig. 5 Cross section of three different resin beads in a PP tube at 295 K. PP tube filled with (a) pure water, (b) 3.5 wt% NaCl solution, (c) 10 wt% NaCl solution, and (d) 20 wt% NaCl solution, measured by absorption-contrast X-ray CT using X-rays of 35 keV. (e) PP tube filled with pure water and measured by DEI X-ray CT using X-rays of 35 keV. Cross section of three different resin beads in a PP tube filled with pure water in an Al container with a ∅ 13 mm inner diameter and 1.0 mm wall thickness, measured by (f) absorption-contrast X-ray CT and (g) DEI X-ray CT using X-rays of 35 keV.

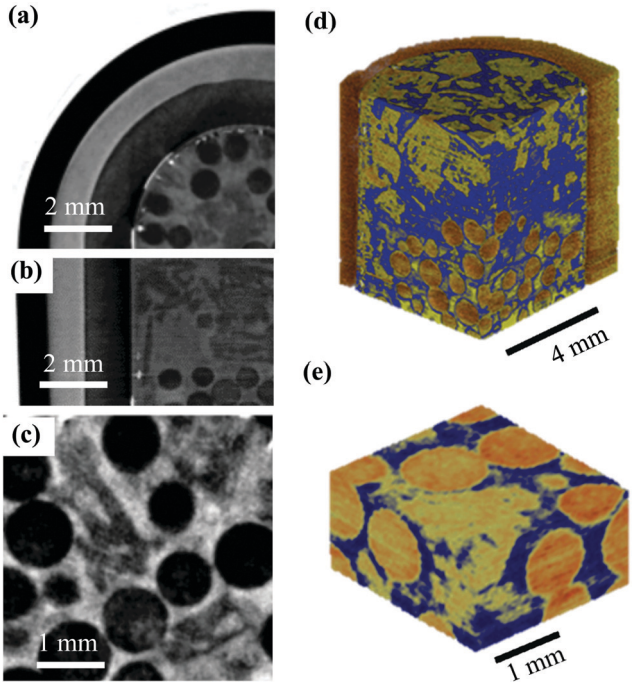

Fig. 7 DEI image of a THF hydrate sample in butyl rubber and an Al container with a ∅ 13 mm inner diameter and 1.0 mm wall thickness. Cross section of a quarter of the sample container (a) with styrene beads of 1 mm in diameter, (b) longitudinal view, and (c) enlarged cross section of the interparticle pore spaces. Volume rendered image of THF hydrate of the interparticle pore spaces of the styrene beads: (d) smaller scale and (e) larger scale.