



Correction

# Correction: Tamadon et al. Flow-Based Anatomy of Bobbin Friction-Stirred Weld; AA6082-T6 Aluminium Plate and Analogue Plasticine Model. *Appl. Mech.* 2020, 1, 3–19

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In the original publication [1], there were mistakes in the captions of Figures 4 and 12. Figure 4a in this published paper [1] in *Applied Mechanics* is an adaptation of Figure 6b in authors' previous publication [2] in *Metals*, representing plasticine analogue sample produced in (75 rpm, 50 mm/min). The underlying image has been adapted in different ways for the two papers. To show the correct process parameters, the corrected caption of Figure 4 appears below:

**Figure 4.** Macroscopic structural features of bobbin friction stir welding, (a) plasticine slab (75 rpm, 50 mm/min), and (b) AA6082-T6 aluminium plate (650 rpm, 400 mm/min). In both cases, the rotation is clockwise when viewed from above, although, this view is from below. Figure shows the common features. Image adapted from Tamadon et al., *Metals*; published by MDPI, 2018 [14].

Figure 12 in this published paper [1] in *Applied Mechanics* is an adaptation of Figure 2 in authors' previous publication [3] in *Metals*. The underlying image has been adapted in different ways for the two papers. However, an error existed in the *Applied Mechanics* paper [1] regarding the welding process parameters (rpm and feed rate). The corrected caption of Figure 12 appears below:

**Figure 12.** The proposed flow patterns at the AS location of the stirring zone, drawn at the weld cross-section; (a) in presence of the tunnel void ( $w = 400$  rpm, 350 mm/min), and (b) for a defect-free sample ( $w = 650$  rpm, 400 mm/min). Image adapted from Tamadon et al., *Metals*; published by MDPI, 2019 [1].

The authors state that the scientific conclusions are unaffected. This correction was approved by the Academic Editor. The original publication has also been updated.

## References

1. Tamadon, A.; Pons, D.J.; Clucas, D. Flow-Based Anatomy of Bobbin Friction-Stirred Weld; AA6082-T6 Aluminium Plate and Analogue Plasticine Model. *Appl. Mech.* **2020**, *1*, 3–19. [[CrossRef](#)]
2. Tamadon, A.; Pons, D.J.; Sued, K.; Clucas, D. Formation Mechanisms for Entry and Exit Defects in Bobbin Friction Stir Welding. *Metals* **2018**, *8*, 33. [[CrossRef](#)]
3. Tamadon, A.; Pons, D.J.; Clucas, D.; Sued, K. Internal Material Flow Layers in AA6082-T6 Butt-Joints during Bobbin Friction Stir Welding. *Metals* **2019**, *9*, 1059. [[CrossRef](#)]

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