



# The Author ORCID package

Emilio Pisanty <sup>1,\*</sup> and Josiah Carberry <sup>2</sup>


<sup>1</sup>*Max Born Institute for Nonlinear Optics and Short Pulse Spectroscopy,  
Max Born Strasse 2a, D-12489 Berlin, Germany*

<sup>2</sup>*Department of Psychoceramics, Brown University*

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The Author ORCID package is a L<sup>A</sup>T<sub>E</sub>X package for the REVTeX class, which handles ORCID iD attribution for authors.

This package adds support for ORCID iDs to the REVTeX class. It provides the following features:

- An `\orcidicon{width}` command, which produces the ORCID iD icon at the specified width: `small`, , or `bigger`:



This graphic is produced within `tikz`, and it is a transcription of the SVG version. The default width for the icon is 8pt, and it is encoded as the `\orcidiconwidth` length.

- An `\orcid{orcid-id}` command, which can be added after each `\author` with the corresponding numerical iD. An example usage is as follows:

```
\author{Josiah Carberry}
\orcid{0000-0002-1825-0097}
\affiliation{Department of Psychoceramics,
             Brown University}
```

This will produce ORCID badges after each author for which an iD has been specified, hyperlinked to that author's ORCID record.

- An `\listoforcidids` command, which produces an unnumbered section listing all the author ORCID iDs, suitably hyperlinked, as shown below.

This package calls on the `tikz`, `xcolor` and `enumitem` packages as dependences.


To be honest, the code here is quite ‘hacky’ and probably quite fragile. It is unlikely that this is a sustainable way forward, but the code presented here will hopefully be a useful prototype and temporary fix until full ORCID iD support is included into the REVTeX class itself.

For full clarity, Josiah Carberry is a fictional person and has no involvement with this work—the authorship is wholly mine (E. Pisanty), and Carberry (described as an expert in the study of ‘cracked pots’ by [Wikipedia](#)) is [listed by ORCID](#) as a suitable example author for demonstration purposes.

This package contains minor amounts of code modified or adapted from the REVTeX 4.2 class, and more specifically from its component package `ltxfront`. Both of these are available from [the REVTeX homepage](#).

## ORCID iDs

 Emilio Pisanty: [0000-0003-0598-8524](#)

 Josiah Carberry: [0000-0002-1825-0097](#)

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\* [emilio.pisanty@mbi-berlin.de](mailto:emilio.pisanty@mbi-berlin.de)