



University of
Southampton

School of Engineering

Young Researchers Conference 2024

Guidance Notes for research abstract submissions



General

The guidance given on this page is accompanied by an extended abstract template. Please use the formatting shown exactly (e.g. bold sentence case for headings and titles) to minimise further typesetting.

Applicants must submit a project extended abstract of a research project they are actively involved in. The synopsis must be written as a Word document, with your name as the filename, and be up to **500 words** in length, with the following suggested sub-headings as appropriate:

- Project objectives and goals
- Description of method and results
- Potential for application of results
- References

The extended abstract including tables, references and images will be transferred to a two-page template for the Proceedings document. *This dictates the limits of 500 words (including references) and 2 single images.*

The extended abstract must be written in English with Arial 10 point font single spaced. Please do not use footers. Note that the Word document should have the language set to “UK English” to facilitate proofing later by the organising committee.

Tables

Tables should be numbered consecutively and cited in the main text. Please be consistent when formatting tables. Leave one blank line before the table heading and one blank line after the table. Columns holding data should be centre justified, column giving parameter names or case names should be left justified.

Diagrams, illustrations and photographs

Up to two illustrations can be used in the synopsis but these must be submitted as separate jpeg image files of sufficiently high resolution for professional printing, e.g. 300 dpi or 1MB each. Note that two or more images can NOT be submitted as one figure. Any submissions exceeding the requirements will not be accepted.

Illustrations must be referred to as figures in the text, and must be cited in the form ‘Fig. 1’. Captions for each figure must be given at the end of the synopsis. Please ensure that figures are of the highest quality and keep them as simple as possible. Avoid excessive notes.

Filenames for your images should be your name followed by Fig. 1 or Fig. 2. Note that images in word files will be discarded as these will not have sufficient quality when transferred to the professional typesetting software used for preparing the Conference Proceedings.

Equations

Leave one blank line above and below any equation. Equations should be centred, and the equation reference right justified. Equations should be numbered consecutively and referred to in the text in the form ‘Eq. 1’. Equations should be typed and all symbols should be explained within the text of the paper.

References

All references should be in Harvard style. Do not use footnotes.

- For cited journals the format is: Author name/s (year). Paper title, *Journal title*, Journal volume: issue, pages.
- For books the format is: Author name/s (year). Book title, publisher, place of publication.

When making a reference in the text to a published work, refer to it by enclosing the last name of the author and date of publication in parentheses, e.g. (Mander et al., 1988) (Benaim, 2008), or, if part of text, “Benaim (2008) describe...”.

All references should be cited in the text. Do NOT use automatic referencing, as this will not transfer to the professional typesetting software.

Funding body

If applicable, provide the name of any relevant funding bodies, separating each with a comma.

Further information

The name and email address of applicant and supervisor is to be displayed. If the project has a webpage/ website, then the URL can be displayed.

Collaborations

If applicable, provide the names of any other departments, universities or industry partners involved with the project or undertaking associated work; provide any relevant URLs.

SAMPLE ABSRACT: Innovative design of low-carbon bridges

John Smith

University of Somewhere

Project objectives and goals

Sample text sample text sample text sample text sample text sample text sample text sample text sample text sample:

- Sample text for bullet list
- Sample text for bullet list

Previous work by Mander et al. (1988) and Marson, and Bruneau (2004) led to ...Sample text sample.

Description of method and results

The test rig up is shown in Fig. 1. Sample text sample text sample text sample text sample text sample text:

Table 1 Sample text sample text

Material	Deflection x (mm)	Deflection y (mm)
Ordinary Concrete Beams	0.234	0.523
Green Concrete Beams	0.234	0.523

Table 1 shows the deflections for ordinary concrete and green concrete beams. Sample text sample text sample text sample.

Potential for application of results

Eq. 1 gives the relationship developed from the results. Sample text sample text sample text sample text sample text sample text sample text sample text sample:

$$x = 2y + 1 \tag{1}$$

Fig. 2 shows the device in-situ. Sample text sample text sample text sample text sample text sample text.

References

JB Mander, MJN Priestley, and R Park (1988). Theoretical stress-strain model for confined concrete, *Journal of structural engineering* 114(8), 1804-1826.

R Benaim (2004). *The Design of Prestressed Concrete Bridges: Concepts and Principles*, CRC, Abingdon, U.K.

J Marson, and M Bruneau (2004) Cyclic testing of concrete-filled circular steel bridge piers having encased fixed-based detail, *ASCE Journal of Bridge Engineering* 9 (1), 14-23.

Funding body

Example Funding Trust for Research (EFTR)

Further information

John Smith (E: john.smith@johnmail.com) www.projectwebsite.ac.uk

Collaborators

Department of Mathematics, University of Somewhere; Faraway University; Bridge Engineering Group;
www.bestconsortium.com

Fig. 1 Test rig set up

Fig. 2 Device in-situ

END OF SAMPLE ABSTRACT