

Proceedings of the PCNSPA Conference 2016 - Photonic Colloidal Nanostructures: Synthesis, Properties, and Applications

Guidelines for Authors

Text

1. The manuscript should contain:
 - 1.1. Manuscript title;
 - 1.2. Complete list of authors;
 - 1.3. Affiliation of each author: Institution, City, Postal code, Country;
 - 1.4. E-mail address of the corresponding author;
 - 1.5. Abstract;
 - 1.6. Structured body text (e.g. Introduction, Theoretical model, Experimental, Results and discussion, Conclusion)
 - 1.7. References, Tables, Figure captions, and Figures follow the text.
2. Use the International System of Units (SI) for physical quantities and units of measurement, unified atomic mass units for the weights of chemical elements, and IUPAC nomenclature for chemical compounds.
3. Manuscripts should be submitted in MS Word.

Text Typesetting

1. Please use only the following standard fonts: Times New Roman for text, Symbol for Greek symbols, MathematicalPi2 for handwritten and gothic symbols.
2. Use font size 12 pt and 1.5 line spacing.
3. Avoid the repetitive use of the space bar for indentation. Use auto formatting or the Tab key.
4. Do not end a line by pressing Enter unless this is the end of a paragraph.
5. Make full use of text editor functions: creation of footnotes, enabling and disabling automatic hyphenation, list formatting, indents, etc.

Formulas

1. Formulas, chemical structures, and schemes should be placed where they appear in the text.
2. Latin characters indicating variables either in formulas or in the text body are typeset in *italic*, while mathematical functions are roman (straight, not italic); Greek characters are always typeset roman. Vectors are **boldface** without arrows.
3. Symbols *, ', ±, single Greek characters, single italic and boldface characters, single variables and physical quantities with only one subscript or superscript, units of measurement, numerical symbols, and simple mathematical or chemical formulas (e.g., $a^2 + b^2 = c^2$, H_2SO_4) should be typeset in text mode. Other formulas should be typeset using equation editors (MS Equation or MathType).
4. Mathematical formulas on separate lines should be typeset completely in the frame of an equation editor. Do not typeset formulas composed of several elements: text, tables, equation frames.
5. For formulas prepared in an equation editor, standard font settings should be used. Do not change these settings for any element of a formula.

Contractions and Abbreviations

Word contractions must not be used. Word abbreviations should be avoided whenever possible and should be explained in the text unless they are commonly used.

Units of Measurement and numerical format

1. Units of measurement are separated from numbers by a space (17.5 mol %, 77 K, 10.34(2) A, 58 J/mol, 50 m/s²). Exceptions are: 90°, 20°C, 50%, 10%.
2. A period is not used in abbreviated units of measurement.
3. The way of presenting complex units of measurement must be consistent throughout the manuscript: J mol⁻¹ K⁻¹, J/(mol K), and J (mol K)⁻¹.
4. In ranges and series, retain only the final unit of measurement (10–12 mg; 5, 10, and 20 kV; 25–30%; 30, 60, and 90°C). The degree when it indicates angles sign is an exception.
5. Degrees Celsius should be °C rather than °. The latter refers to angles.
6. Units of measurement for quantities under the log sign should be given in square brackets: ln *t* [min].
7. Use periods rather than commas in decimals (correct: 0.25, incorrect: 0,25).

Periods and Spaces

1. There should not be a period after the title of a manuscript or other titles and subtitles, list of authors, their affiliations, table headings, and lists of keywords.
2. The abstract, footnotes (including footnotes for tables), notes for tables, and figure captions should end with a period.
3. There should be spaces in references to a table or a figure: Fig. 1, Table 2.
4. There should not be spaces between quotation marks or parentheses and text included in them. Numbers with letters should be rendered without spaces: IVd; 1.3.14a; Fig. 1a.
5. Mathematical symbols should be separated by a space only when there are units on both the left- and right-hand sides, but without a space when a unit appears only to the right, for example: 100 ± 2; by a factor of ~2.

Figures

1. All Figures should be placed at the end of the body of the text after the list of Figure captions. If a Figure consists of several parts, they should be arranged one after another and have a common caption. Each Figure should be placed in a separate page. Do not place Figures inside table cells. In addition, each figure should be submitted in a separate file (please see below).
2. Figure size should match either one-column or two-column layout: 8–8.5 and 17–17.5 cm, respectively.
3. Photographs should be submitted in two variants: with and without text and inscriptions. In other Figures, inscriptions should not touch any part of the Figures.
4. For inscriptions, please use standard TrueType fonts.
5. Do not add shading or grids to the background of graphs.
6. Avoid framing graphs with extra axes; leave only necessary properly labelled axes. The ticks should be directed into the graph field.
7. Line widths should not be less than 0.5pt.
8. Figures should have a resolution of at least 300 dpi.
9. "Optics and Spectroscopy" is published in black and white.

Figure files

1. Figure files in the format corresponding to the software used for preparation of the figure and in a common graphic format (e.g. TIFF or EPS) should be submitted along with the manuscript.
2. Every Figure file should be clearly identified so that it is clear which manuscript they belong to and in what order they should appear in the text. Each file should contain only one Figure.
3. It is also advisable to submit graphs of simulated functions or experimental data in the formats of Origin, Mathcad, etc. that were used to prepare the graphs.

Tables

1. Each Table with its heading should be placed in a separate page similarly to Figures.
2. Tables are numbered consecutively using Roman numerals according to the order they are mentioned in the text. The Table heading should follow the number.
3. All columns in a Table must have headings and should be divided by vertical lines.
4. The words appearing in Tables should not be abbreviated.
5. When creating a Table use the function **Table – Create Table** or MS Excel. Tables typeset manually with the space bar and Tab key must not be used.

References

References should be numbered in the order of their appearance in the text and listed after it, under the title "References". In-text citations should be marked with square brackets, e.g. [1-3]; below a few examples of references formatted in the required style are presented:

1. F. T. O'Neill, J. R. Lawrence, and J. T. Sheridan, *Appl. Opt.* **41** (5), 845 (2002).
2. A. S. Shcheulin, A. E. Angervaks, and A. I. Ryskin, *Opt. Spectrosc.* **111** (6), 999 (2011).
3. M. Born and E. Wolf, *Principles of Optics* (Pergamon, Oxford, 1969).

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