**Instructions to Authors**

Authors are kindly invited to submit **extended abstracts** (500-600 words, no figures) on or before **November 15, 2022** via email to Kristine Donatello, (Kristine.Donatello@tamu.edu) and CC the General Chair, Yassin Hassan (y-hassan@tamu.edu). The preferred format is MS Word, following the guidelines below:

**TITLE OF PAPER** (Centered, Times New Roman, Caps, 11pt, Bold)

*(single line space)*

**Author-1, Author-2, …...** (Centered, Times New Roman, 11pt, Bold)

*(single line space)*

*Affiliation* (Centered, Times New Roman, 11pt, Italics)

*(single line space)*

*(single line space)*

**Extended Abstract (**Left Justified, Times New Roman, 11pt, Bold)

*(single line space)*

Text of extended abstract (Times New Roman, 11pt). The abstract should contain a clear description of the work to be presented, including background details, purpose, approach used, novelty, and a summary of new results obtained. The number of words should be in the range 500–600, and there should be no figures. Equations should only be included if necessary and should be limited to no more than one or two; each equation should be written on a separate line.

**Recommendations**

Papers that present new experimental data and novel measurement techniques should state what CFD model validation need is specifically being addressed by the technique, should quantify the domain of application, and include a measure of the experimental uncertainty.

Papers that present simulation of validation experiments using single-phase or multi-phase CFD tools should include comparison against experimental data, including uncertainties, and should discuss the adequacy of the measurements for the proper validation of CFD tools. Discussion of the general requirements of such “CFD-grade experiments” should also be made.

The papers that present CFD code applications should try to justify all the choices made in regard to the physical models, nasalization, and numerical options. Authors are strongly encouraged to apply Best Practice Guidelines (BPGs) as far as possible.

As with previous workshops in the CFD4NRS series, acceptance or non-acceptance of papers will depend crucially on adherence to quality of content and potential for presentation within a common theme.