Poster Submission Specifications

We are pleased to inform you that, based on the abstract you have submitted, you are requested to prepare a poster in accordance with the specifications outlined below. The poster should be developed consistently with the content of your accepted abstract and should clearly present the problem context, the mathematical modelling or analytical approach employed, and the key insights or findings derived from your study, particularly with respect to applications such as finance, medical science, weather forecasting, or related fields.

1) Poster Submission Guidelines

1.1 Format & Size

- **Recommended poster orientation:** Portrait
- **Poster size:** A0 size (84.1 × 118.9 cm)
- Presenters are required to print their posters in advance. The organizing committee does not provide poster printing services.

1.2 Recommended Content

Posters should be well-structured and include the following components:

1. **Title**
   - o Concise and informative
   - o Clearly reflects the research problem and the modelling approach
2. **Authors & Affiliation**
   - o Full names of all authors
   - o Institutional affiliations
   - o Contact email of the corresponding author
3. **Abstract or Motivation**
   - o Approximately 3–5 lines
   - o Should clearly state:
     - What problem is being addressed
     - Why the problem is important
     - What type of mathematical methods or models are used
4. **Problem Description / Background**
   - o Description of the real-world context
   - o Rationale for formulating the problem as a mathematical model
5. **Methodology / Analysis**
   - o Explanation of the modelling framework and analytical or computational methods
   - o Full derivations are not required; conceptual explanations are sufficient
   - o Flow diagrams or schematics are encouraged where appropriate
6. **Results**
   - o Presentation of key findings using graphs, tables, or visualizations
   - o Emphasis should be placed on interpreting the results rather than listing raw outputs
7. **Discussion / Interpretation**
   - o Explanation of what the results imply in the context of the problem
   - o Strengths and limitations of the proposed model

8. **Conclusion & Future Work**
   - o   Summary of the main contributions and insights
   - o   Possible extensions, improvements, or future research directions
9. **References**
   - o   3–6 key references
   - o   Use a standard academic citation style (e.g., APA or AMS)

2) Layout and Design Recommendations

2.1 Layout

- Posters should be organized into 2–4 columns, with content arranged for clear reading from left to right and top to bottom.
- A clear hierarchy of sections should be maintained through appropriate use of font size and formatting, including a title, section headings, and body text.

2.2 Typography

To ensure readability at a distance, the following font sizes are recommended:

- **Title:** at least 80 pt
- **Section headings:** 40–50 pt
- **Body text:** 28–32 pt

2.3 Figures and Graphics

- All graphs must include clearly labeled axes and legends
- Figures should be readable in both color and grayscale
- Use visual elements to replace long textual explanations whenever possible

3) Best Practices

- A reader should be able to understand the main idea and contributions of the work **without verbal explanation from the author**
- Balance mathematical rigor with clarity and accessibility
- Prioritize the presentation of **key insights and interpretations** over excessive technical details

Poster Evaluation criteria

1 Methodological and Academic Quality

This criterion evaluates the academic soundness of the work and the appropriateness of the mathematical approach. The poster should clearly explain the significance of the problem, present the content in a coherent and logically structured manner, and justify the choice of mathematical models or methods. The analysis should be mathematically correct, internally consistent, and based on clearly stated assumptions.

2 Results and Interpretation

This criterion assesses how effectively the results are presented and interpreted. The poster should clearly display key results using appropriate visualizations and provide meaningful interpretation of these results in the context of the original problem. Discussion of model limitations and possible extensions or future work is expected, demonstrating critical reflection on the findings.

3 Communication and Presentation

This criterion focuses on the clarity and effectiveness of communication. The poster should be well organized with a clear layout that supports readability, use concise and precise language, and present figures and text that are easy to understand. The amount of content should be appropriate for a poster format, allowing readers to grasp the main ideas without excessive detail.

4 Academic Professionalism

This criterion evaluates adherence to academic standards and ethical practices. The poster should properly cite relevant literature, acknowledge data sources and computational tools, and clearly indicate original contributions. Consistent formatting, responsible use of figures and data, and transparency regarding assumptions or limitations are also considered as indicators of professional scholarly conduct.