

BYLAWS OF NAFEMS Optimisation Working Group (OWG):

ARTICLE ONE.

OFFICE

The principal office of the OWG is currently located at the Beckford Business Centre, Beckford Street, Hamilton, Lanarkshire ML3 0BT, United Kingdom.

ARTICLE TWO.

STRUCTURE

Section 1. *NAFEMS Council of Management.* The NAFEMS Council is made up of long-standing NAFEMS members who have actively participated in NAFEMS activities over a period of time. The Council makes all policy decisions and manages NAFEMS as a company, directing and controlling the growth and activities of NAFEMS. The Council also decides on the direction of future research, controlling the Technical Liaison Group (TLG) and planning the deliverables schedule for each membership year.

Section 2. *NAFEMS Technical Liaison Group.* The technical activities of NAFEMS are directed by the Technical Liaison Group (TLG). The TLG includes the chairmen of the Technical Working Groups and representation from the Council of Management.

Section 3. *NAFEMS Technical Working Groups.* The technical areas of NAFEMS are coordinated by a number of specialist working groups. These working groups identify areas of interest to the analysis community that require new educational materials to be developed. This process is based on a combination of the results of surveys and the personal knowledge of committee members.

An important feature of the NAFEMS publications which are subsequently produced is that each text undergoes a rigorous examination and critique by the experts sitting on the NAFEMS technical working groups which commissioned the work and other experts that they may deem to be appropriate.

Technical working groups are formed on an as needed basis to address specific issues. When necessary, the TLG has the right to establish or abolish technical working groups.

ARTICLE THREE

NAFEMS Optimisation Working Group

Section 1. *Purpose.* The OWG is responsible for promoting the adoption, further development and best practice in the use of optimization methods in engineering simulation-based design for the benefit of the user community. The focus is on the application of design optimization techniques in engineering analysis and simulation.

Section 2. *General Powers.* The business and affairs of the OWG shall be fully managed by its members. (OWG).

Section 3. *Number, Tenure, and Qualifications.* The number of members of the OWG shall be nominally 20 and will include industrial users, academic researchers and software vendors. This number may be altered by a majority vote of the OWG. A new member of the OWG shall be appointed by the OWG Chairman provided there is a majority vote by the OWG members. Once appointed, the term of the position shall be on an indefinite basis, or until the individual has abdicated his/her position on the OWG .

The OWG Chairman shall be elected by a majority vote of the OWG members. The term of office of the OWG Chairman shall be two years or until he/she abdicates his/her position as the OWG Chairman, whichever occurs first. The OWG chairman can stand for reelection. It is preferred that the OWG Chairman represents an industrial user of the technology.

Membership applications into the Optimisation Working Group (OWG) shall be reviewed by the Chairman, and accepted by a majority vote.

Each member of the OWG shall be a member of NAFEMS, either directly or by their represented company.

Section 4. *Election of the OWG Chairman.* Members of the OWG shall nominate an individual already serving on the OWG to be the new OWG Chairman. A nomination period shall last no longer than one month. Nominations shall be submitted by email to a NAFEMS Representative.

Upon closing of the nomination period, nominees will be contacted by a NAFEMS Representative to either accept or reject the nomination by phone or email. The nomination acceptance period shall last no longer than five days. If the nominee does not respond to the NAFEMS Representative within the five day period, the nominee will not be considered for the election.

Upon closing of the nomination acceptance period, a NAFEMS Representative will send an email containing the list of nominees to all OWG members. The election period shall last no longer than fourteen days. The election results will be based on submitted votes.

Upon closing of the election period, and within a 72 hour period, a NAFEMS Representative shall send an email to all members of the OWG to announce the newly elected Chairman.

Section 5. *Regular Meetings.* The OWG shall aim to meet six times per year, but no less than four times per year. The forum for meeting can include teleconferences, interactive web sessions, or face-to-face meetings. Members of the OWG should not miss more than 25% of the meetings over a period of two years. Members who do not achieve an adequate level of participation or contribution to the OWG may be asked to leave the WG by the WG Chairman or their designee.

Section 6. *Additional Meetings.* On occasions, the OWG may be required to meet within a short period of time. Additional meetings of the WG may be called by or at the request of the -WG Chairman, the TLG Chairman, or the Chief Executive of NAFEMS.

Section 7. *Notice.* Notice of any meetings will be given at least five business days in advance to each OWG member by email, phone, or other reasonable means of communication.

Section 8. *Quorum.* A majority of OWG members fixed by these bylaws shall constitute a quorum for the transaction of business at any meeting of the OWG, but if less than such majority is present at a meeting, a majority of the OWG members present may adjourn the meeting from time to time without further notice. .

Section 9. *Compensation.* NAFEMS Ltd. will pay for reasonable expenses related to the meetings of the OWG. These expenses are limited to fees associated with teleconferences, web sessions, meeting facilities and refreshments, pending the approval of the NAFEMS Representative. Other expenses will be considered also pending the approval of the NAFEMS Representative.

ARTICLE FOUR.

CONTRACTS

Section 1. *Contracts.* The OWG Chairman shall consult and receive approval from the NAFEMS CEO before entering into any contract or before executing and/or delivering any instrument in the name of and on behalf of NAFEMS.

ARTICLE FIVE.

PUBLICATIONS

Section 1. *Publications.* The OWG shall focus on promoting the adoption, further development and best practice of engineering simulation based optimization theory and method implementation through the development of publications.

Each publication undergoes a rigorous examination and critique under the guidance of experts sitting on the OWG.

The OWG is expected to develop 1-2 publications per calendar year.

Compensation for the examination of OWG deliverables may be available at the discretion of the NAFEMS CEO.

ARTICLE SIX.

AMENDMENTS

These bylaws may be altered, amended, or repealed, and new bylaws may be adopted by the OWG at any regular or special meeting of the OWG provided an attendance quorum of 75% of the nominal members is reached and the 75% of the present members approve the proposed changes. Changes in and additions to the bylaws by the WG shall be reported to the NAFEMS Representative and shall be subject to the approval or disapproval of the Chairman of NAFEMS or the TLG.