



IJCNN 2027

International Joint Conference on Neural Networks
14 – 18 June 2027 || CAPE TOWN, SOUTH AFRICA

Instructions for Reviewers

ALL Reviewer tasks and responsibilities are to be completed by Reviewers as soon as possible but no later than Jan 15, 2027

In your **CMT** account:

1. Enter Domain Conflicts, including the email domain of your current affiliation
2. Select Subject Areas
3. Update your User Profile, if needed

In **TPMS**:

4. Update your profile by uploading 2 or more, preferably 5, of your recent publications relevant to IJCNN. You have the option to remove any papers that are no longer relevant.

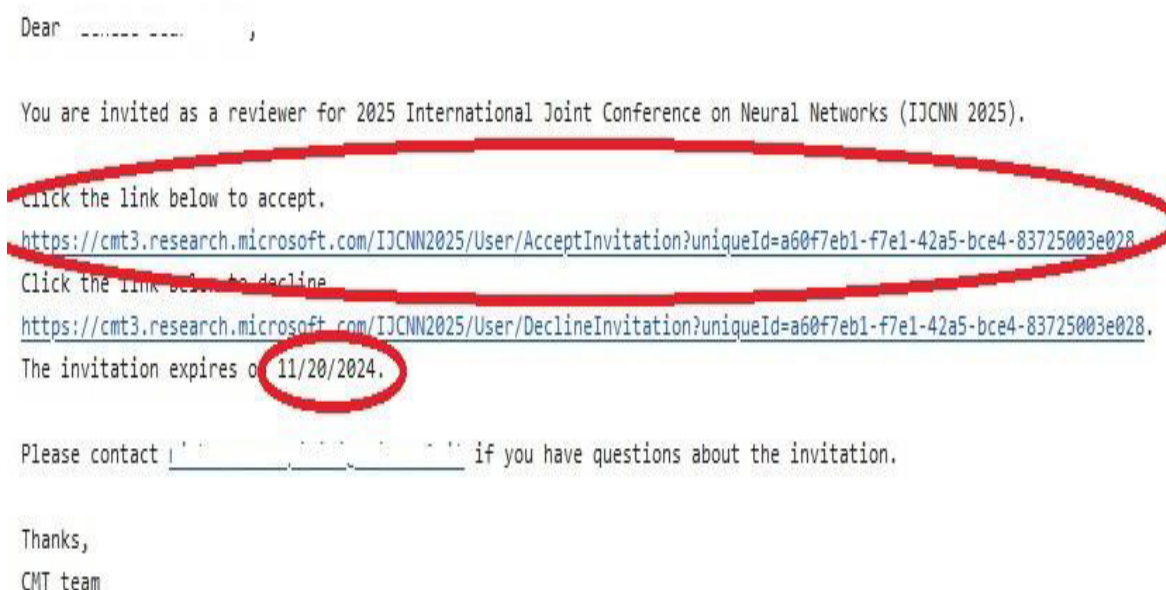
Make sure the **email address** of your CMT account with reviewer credential and your TPMS account is an **EXACT** match.

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1. REPLY TO THE INVITATION LETTER

To reply to the invite to serve as a Reviewer for IJCNN 2027, please click on the related link in the received email



Please, bear in mind that the link expires after **10 days**.

After clicking on the above link, you will be redirected to the “**Manage Reviewer Invite**” page. In this page, you have to select the maximum number of papers you are willing to review. Insert the desired number in the first text box and click the “**Submit Feedback**” button.

The screenshot shows the "Manage Reviewer Invite" page. At the top, there are links for "Login", "Registration", and "Reset Password". The main heading is "Manage Reviewer Invite". Below it, the text says: "You have been invited as a reviewer for 2025 International Joint Conference on Neural Networks (IJCNN 2025), track Main Track. Your current response is Accept." There is a link "Change your response to Decline." Below that, it says "You may provide optional feedback." There is a text box labeled "Enter the limit if you can only review a limited number of papers" with the number "6" entered. Below this is a "Comment" text box with a "256 characters left" indicator. At the bottom, there is a "Submit Feedback (Optional)" button. A red circle highlights the text box for the number of papers.

You are now ready to Login the CMT system, clicking on the upper left menu.

2. FIRST LOGIN

For the Login to CMT system, please insert your email address (the same where you received the invitation) and the associated Password.

After the Login is completed, you will be directed to the “**Reviewer Console**”. Keep in mind that the console is empty. Papers will be assigned only after the submission period ends.

At the first login, CMT system asks to enter the conflict domains and the Reviewer’s subject areas, by clicking on both the link highlighted in the following figure.

3. CONFLICT MANAGEMENT

After clicking the link for entering the conflict domain, the Reviewer is asked to enter the domain of each institution that they have a conflict of interest (all institutions you have worked for, or have had very close collaboration with, within the last 3 years).

If you need to enter more than one institution, please use a semicolon to separate all the domains (example: mit.edu; ox.ac.uk; microsoft.com).

Submissions Reviewers Search help articles Help Center Select Your Role : Meta-Reviewer UCLN2025

• Chairs have requested users to enter domain conflicts. Please [click here](#) to enter your conflict domains.
 • Chairs have requested meta-reviewers to select subject areas. Please [click here](#) to select your subject areas.

Domain Conflicts

Please enter the domain of each institution (semicolon separated) that you have a conflict of interest with (example: mit.edu; ox.ac.uk; microsoft.com). More specifically, please list domains of all institutions you have worked for, or have had very close collaboration with, within the last 3 years.

Note: It is important that you enter your current institution's domain here since CMT does not automatically add it to your conflicting domains. Please **DO NOT** enter the domain of your email providers such as gmail.com, yahoo.com, hotmail.com and 163.com as your institution domains.

Domain Conflicts

Please DO NOT enter the domain of your email providers (such as gmail.com, yahoo.com, hotmail.com and 163.com) as your institution domains.

4. SELECTING SUBJECT AREAS

After clicking the link for entering the conflict domain, the Reviewer is asked to enter **one** Primary Subject Area and **up the three** Secondary Subject Areas, as shown in the following figure.

Please, complete this page as accurately as possible to ensure you will receive papers in your area of interest.

Search help articles Help Center Select Your Role : Reviewer UCLN2025

• Chairs have requested users to enter domain conflicts. Please [click here](#) to enter your conflict domains.
 • Chairs have requested reviewers to select subject areas. Please [click here](#) to select your subject areas.

Select Subject Areas

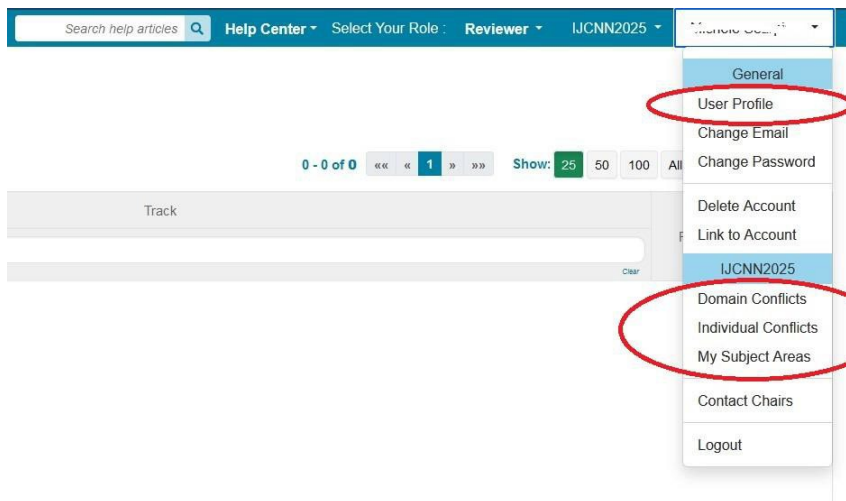
Track: Main Track

Primary	Secondary	Title
☐	☐	Applications of Neural Networks
☐	☐	AI for critical infrastructures
☐	☒	Audio analysis and synthesis
☐	☐	Autonomous vehicles and intelligent transportation
☐	☐	Bioinformatics
☐	☐	Biomedical engineering
☐	☒	Digital twins
☐	☐	Financial engineering applications
☐	☐	Healthcare and life sciences
☒	☐	Image and video processing
☐	☐	Manufacturing and industrial applications
☐	☐	Neural models for computer graphics
☐	☐	Neural networks for communications
☐	☐	Other applications
☐	☐	Power system applications
☐	☒	Privacy and security
☐	☐	Robotics
☐	☐	Smart grid applications
☐	☐	Social media networks
☐	☐	Speech enhancement and recognition
☐	☐	Time series analysis
☐	☐	Computational Neurosciences
☐	☐	Brain Imaging
☐	☐	

5. UPDATE PROFILE, EMAIL, AND PERSONAL INFORMATION (OPTIONAL)

Clicking on your Name in the upper right menu, you can change your choices regarding the Subject Areas and the domain conflicts.

The Reviewer can also add some **Individual Conflicts**. By selecting this option, the complete list of all the Authors and Chairs will appear. It is possible to search for some names/surnames or filter an institution, hence marking that person as a conflict.



Optionally, you can select the “User Profile” option and update the user information if necessary.

You can also change the email address or your password by selecting the “Change Email” and/or “Change Password” options from the menu.

To help us better manage conflicts, please enter your **DBLP ID** and publication email address(es) in your User Profile. See [here](#) on how to identify your DBLP ID. Just as a couple of examples:

URL	DBLP ID
https://dblp.org/pid/16/6138	16/6138
https://dblp.org/pid/d/JohnDoe2	d/JohnDoe2

Please also add your Google Scholar ID and/or your Semantic Scholar ID to your user profile. This is to aid Area Chairs when suggesting reviewers for papers.

6. UPDATE YOUR RESEARCH PROFILE WITH THE TORONTO PAPER MATCHING SYSTEM (TPMS)

Login to your TPMS account or create a TPMS account if you don’t already have one:

<http://torontopapermatching.org/webapp/profileBrowser/login/>

Login | Register

Welcome to the Toronto Paper Matching System

The service will let you keep a permanent publication profile which will be used by conferences in matching papers to reviewers. [More info](#)

Please log in below or register if you do not yet have an account.

Username: (username is an email)

Password:

[Password reset](#)

[About the service](#)

Once logged in, you can view the list of papers you have uploaded to your account. Make sure you have at least 2 papers, preferably 5, in your TPMS account. You can upload new papers to your account or remove irrelevant papers from your account. IJCINN 2027 will be assigning

submissions to you based on your research profile generated using the papers you have in your TPMS account.

You can update your user information, including changing your email address, by clicking the “Update account info.” link on the left panel.

Actions	Currently selected papers:
name@mydomain.com	Paper1.pdf 495.8 KB
Selected Papers	Paper2.pdf 656.8 KB
Upload papers	Paper3.pdf 1.1 MB
Update account info.	Paper4.pdf 1.1 MB
Logout	Paper5.pdf 845.2 KB

Be aware that the email address for your CMT account with reviewer credential and your TPMS account must be an EXACT match.

7. PAPER BIDDING

After the paper submission deadline, Reviewer will be able to bid on the papers they would like to review. To make your preferences, please follow the following steps:

1. Log in to CMT <https://cmt3.research.microsoft.com/IJCNN2027/Submission/Index> using your email address with IJCNN 2027 reviewer credential and selecting your role as “Reviewer”.
2. On your **Reviewer Console**, you can then view the paper titles and abstracts which have been initially suggested to you.

Reviewer Console

Please click [here](#) to view Welcome Message & Instructions.

Bidding							
1 - 25 of 25							
Show: 25 50 100 All							
Clear All Filters Actions							
Paper ID	Title	Subject Areas		Review & Discussion	Relevance	TPMS Rank	Your Bid
		Primary	Secondary				
196	Clinical Risk-Aware Multi-Level Grading for Coronary Artery Stenosis through Curved Feature Reconstruction Show Abstract	Clinical applications - Vascular	Clinical applications - Cardiac; Computer Aided Diagnosis; Modalities - CT		0.16	21	Not Entered
202	SHISRCNet: Super-resolution And Classification Network For Low-resolution Breast Cancer Histopathology Image Show Abstract	Computer Aided Diagnosis	Clinical applications - Breast		0.84	13	Not Entered

3. Please note that the number of papers in your batch varies, in some cases, you may have no papers just yet. One reason for this might be that there has been a poor match between submissions and your area of expertise or there was an issue with your TPMS account or you did not select subject areas. If your TPMS rank column is empty, it means either you did not have a TPMS account with a matching email address or the system

(TPMS) could not access or parse the papers you uploaded. You will still be assigned papers to review if you do not participate in the bidding phase or if there were no papers to bid on your account.

- The **Relevance** column shows a score for each paper, based on matching the paper's primary and secondary subject areas with your primary and secondary subject areas of expertise. This column is sortable. For example, to see the papers that best match your expertise, sort from high to low. Filter the Relevance column for Submissions with a score of greater than 0.75. You would then set your bid to review the submissions. This number ranges from 0 to 1, with 0 being least relevant and 1 being most relevant (higher is better). TPMS rank is determined by overlap of the keyword profiles extracted from the paper and the reviewer's publications uploaded to TPMS, with 1 being the highest rank (best match) and ~2100 being the worst (lower is better). Sort the TPMS rank column in increasing order or filter for Submissions with a score of less than 4. You would then set your bid to review the submissions.

TPMS rank should be preferred to the Relevance score.

- For each paper in your batch, click on the "Not Entered" link at the last column to select your bid, choosing from:

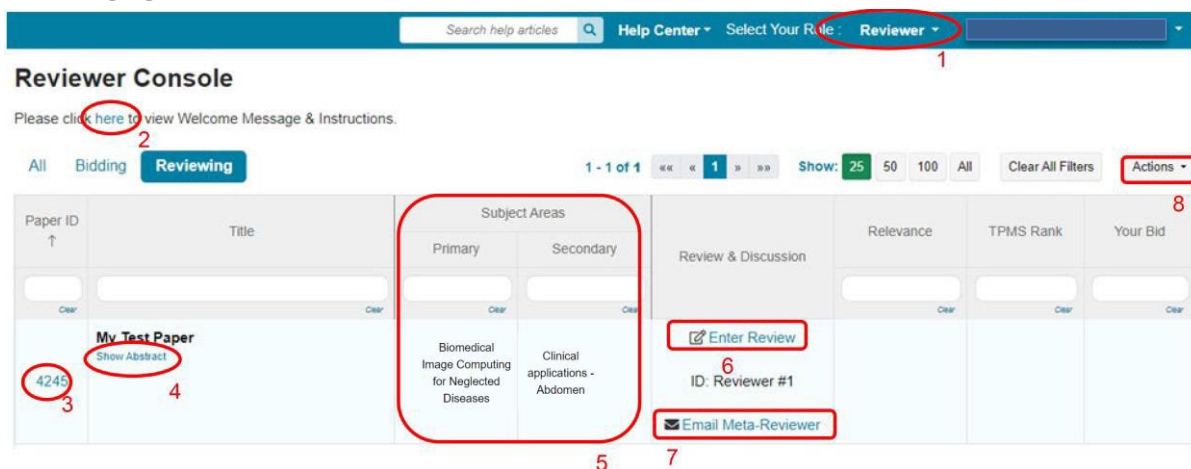
Not Entered, Not Willing, In A Pinch, Willing, Eager

Please bid "*Eager/Willing/In a Pinch*" for all papers that you are comfortable reviewing, i.e. have the necessary expertise. We will rebalance the number of papers later and redistribute papers as needed. Please enter "*Not Willing*" for papers where you may lack sufficient expertise (passing knowledge or less) - even if you find them very interesting!

Paper ID↑	Title	Track	Primary	Secondary	Review & Discussion	Relevance	TPMS Rank	Your Bid
Clear	Clear	Clear	Clear	Clear		Clear	Clear	Clear
196	Clinical Risk-Aware Multi-Level Grading for Coronary Artery Stenosis through Curved Feature Reconstruction Show Abstract	Main Conference	Clinical applications - Vascular	Clinical applications - Cardiac; Computer Aided Diagnosis; Modalities - CT		0.16	21	Select b Select bid Not Entered Not Willing In A Pinch Willing Eager
	SWISPCNet: Sinner...							

8. REVIEWER CONSOLE

The **Reviewer Console**, the dashboard for performing the review process, is shown in the following figure.



1. You may have multiple roles in the platform. When acting as a reviewer, change your role to “reviewer”. All your assigned papers will be listed on your reviewer console. If you cannot change your role to reviewer, check the login email address and make sure it is the one with reviewer credential. If you do not see any papers listed, try log out and log in again. Try clearing your browser cache also.
2. Read the guidelines and instructions.
3. Click to view the paper information.
4. Click to display the abstract of the paper.
5. Subject areas of the paper selected by the author.
6. Status of Review: For papers where you have not yet entered review, you will only see the “**Enter Review**” option in the Review & Discussion column. You must click the “submit” button at the end of the form when you are done to submit your review. All “required” questions must be answered or the review will not be submitted.
For papers where you have already entered reviews, you will see two options: “**Edit Review**” and “**View Review**”. You can make changes to your review until the deadline.
7. Email Meta-reviewer: Use the email Meta-reviewer link to send an email to the Area Chair of the paper.
8. “Actions” button:
 - a. Download: download all papers at once. You can choose to download just the papers or with the supplementary materials.
 - b. Import reviews (only for expert users): You have the option to perform your review offline and upload your reviews in a single XML file.

9. REASSIGNMENT REQUEST

If you cannot review a specific paper, please contact the Area Chair of the paper as early as possible and in any case within the deadline. Usually 4 days will be grant to ask for reassignment.

Please ask for reassignment sparingly and only do so if you absolutely cannot review the assigned paper. You should not ask to reassign a paper you have previously bid willing or eager to review. We may assign you a replacement paper should the need arise.

If you asked to be unassigned from a paper, you must destroy any copy you made of the paper, and not share it with anyone, as per our confidentiality policy.

10. PAPERS WITH FORMAT, ANONYMITY, OR OTHER ISSUES

If you have identified a paper that may have violated the submission guidelines, please contact immediately the **Area Chair** (meta-reviewer) of the paper but continue to review the paper based on the scientific content of the paper. The decision to desk-reject a paper resides with the program committee.

11. REVIEW PROCESS

IJCNN 2027 employs a double-blind review process, where each paper undergoes an anonymous evaluation by three independent experts following our ethical guidelines. Reviewers are automatically selected based on their expertise in relation to each paper's topic.

Technical Program Chairs and Area Chairs will carefully consider review scores, particularly for borderline papers, and will select the final list of accepted papers, aiming for an acceptance rate of 40%.

Reviewer confidence levels range from Excellent (highly certain and knowledgeable) to Poor (educated guess with limited understanding), reflecting varying degrees of familiarity and certainty with the paper's subject matter.

Each paper is scored based on six criteria. A high-quality paper performs well across all criteria. Scores range from Excellent (top 10%) to Poor (rejection recommended).

1. **Relevance to IJCNN:** Is the paper within scope, and are its findings impactful and timely?
2. **Technical Quality:** Is the work technically sound, well-supported, and complete? Does it contribute meaningfully to the field?
3. **Novelty:** Are the problems or approaches new? Is there potential for others to build upon this work?
4. **Quality of Presentation:** Is the paper clear, well-organized, and sufficiently informative? Does it provide adequate detail for replication?
5. **Comments for Authors:** Summarize and provide feedback on each criterion. High scores should align with positive comments, and any critical feedback must avoid disclosing the reviewer's identity.
6. **Overall Recommendation:** Make a recommendation ranging from Strong Accept to Strong Reject based on technical strength, impact, evaluation quality, reproducibility, and ethical considerations.

12. REVIEW QUALITY

The Area Chair may contact you to revise your review if they find your reviews uninformative and/or inappropriate. If your review is positive then it needs to provide information about what the contributions are, if your review is negative then it should provide guidance to the authors on how to improve their papers; all comments should be supported by evidence.

13. ADDITIONAL HELP

Additional help can be found on the CMT online user guide, available at the following link:

<https://ijcnn.org/cp/collections/pages/entries/235b1669-8ef5-4f70-9018-b7c372fc8b67>