

## Design Contest

### CALL FOR SUBMISSIONS



Abstract Submission	Acceptance Notification	Final Presentation
15 Jan'22	05 Feb'22	26 Feb'22

## CALL FOR DESIGN CONTEST

VLSI Design and Embedded Systems 2022 is holding this International Design Contest to provide a platform to solve current and future problems for humanity. The contest will follow the theme of the conference addressing areas of Healthcare, Space and Transportation. You will be showcasing design approaches and system solutions in the areas/domains of AI, ML/DL, IOT, Industrial, Smart Cities, Cloud, Communication, Computing,

### Stage-1 Ideation

- Your idea should cover Embedded design/Software/System/Block/RTL/Algorithm/Logic/Circuit/Module/architecture using open or industry standard methods/IPs
- Example of it's application
- Benefits and value addition of your solution

The selected designs will be invited for presentations at VLSID 2022 in a special session devoted to the Design Contest on 26th Feb'2022

### Stage-2 : Implementation :

- Module/System/Board/Device/Analog/digital/RF/mixed signal design on FPGA/industry platform using EDA tools/IDE tools
- Implementation with live demo sessions for the selected designs should be completed by 31st July'2022. Winners will get 5 months of implementation time.
- Experts from Conference team will guide and mentor during this 5 months of implementation. Support will be provided for remote access of tools access for project execution

## GUIDELINES

Submissions of original designs developed at universities OR in industries are invited. Designs submitted to previous Design contests are not eligible. Designs that have already received an award in other contests can be submitted. Designs related to the regular papers submitted to VLSID 2022 are also welcome. In such a case, the authors must include a reference to the corresponding paper in the demo proposal.

A 2-page demo proposal is required and must be submitted prior to the deadline. The demo proposal should follow the format ABC link and contain the title of the project, a 60-word abstract and a description of the design. Each submission should include a cover page in a separate PDF file including:

- Name, affiliation and address of each author;
- A statement on whether a related paper was also submitted to
- Conference as a regular submission or was published before;
- The following statement: "All appropriate organizational approvals for the publication of this paper have been obtained. If accepted, the author(s) will select a speaker to present and demo the design at the Symposium."
- Corresponding author, including affiliation, telephone number, email address, and his/her signature.
- Selected designs will be briefly presented at the VLSI2022 conference session as IDEA pitch.
- A live (Online) demonstration will be arranged in Aug'22 for the implementation stage of design as final contest result