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## **Review diploma work Martin Císař**

Doc.dr.ir. Henri Achten

### **Theme of work:**

Centrum halových sportů, České Budějovice

Diploma Winter semester 2017–2018

Martin Císař designed a new sports hall for top-volleyball, sport, recreational, and cultural events in České Budějovice. The sports hall is designed in two phases of realization; phase I the main hall for 3000 visitors; and phase II additional training hall for 200 visitors and athletic training corridor.

The site of the sports hall is along the Vltava river which is a risk-area for flooding. Therefore, the main spaces have to be lifted above flood-level with the water-protected level under this. This results in a podium solution on which the main building mass is situated.

The distinction between phase I and phase II is resolved by a second volume for the training hall that has different architectural expression. The training hall is positioned asymmetrical because of the training corridor. The seating bowl of the main hall is solved in a traditional way with all-around seating supplemented with telescopic tribunes to allow for flexible seating arrangements. The layout of all the floors 1PP–3NP are developed in a very logical and clear way.

The subdivision of the main user groups (top sporters, sporters, recreational sporters, VIPs, journalists, visitors, catering, and employees) is very functional and simple. Various possible arrangements of the spaces

for different kinds of sporting and cultural events are possible in the design.

The structural solution of the building keeps maximum span for the roof so that there is no obstruction of vision. The space structure of the roof offers enough possibilities to add technical infrastructure for sound, light, and HVAC in different uses of the building.

The volume of the main hall has good proportions and an appropriate and interesting shape that is fitting with the status of a high-level sports hall. The detailing and choice of materials is kept sufficiently sober so it may be expected that the budget of the building construction will not become unreasonably high.

Martin Císař's design shows a mature, well-developed scheme for a prestigious sports hall that is fitting to České Budějovice. Based on the above review, I propose that the project is passed with mark 'A' - Excellent.

Thank you for your consideration,



Henri Achten