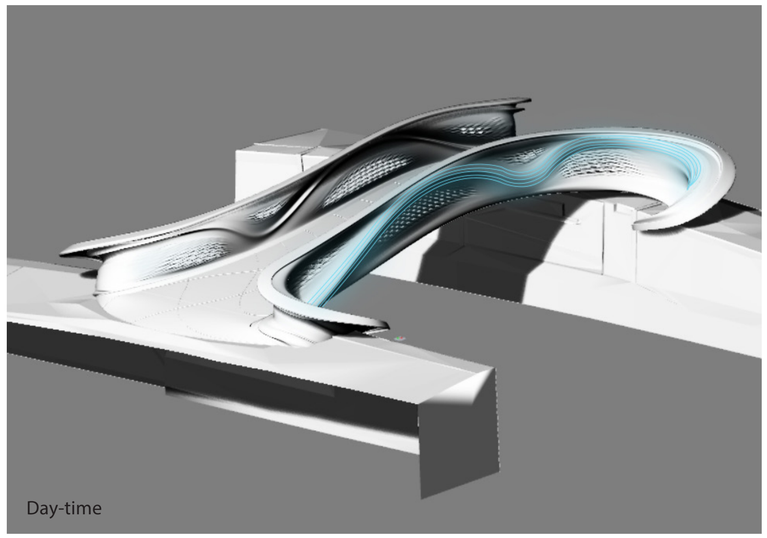
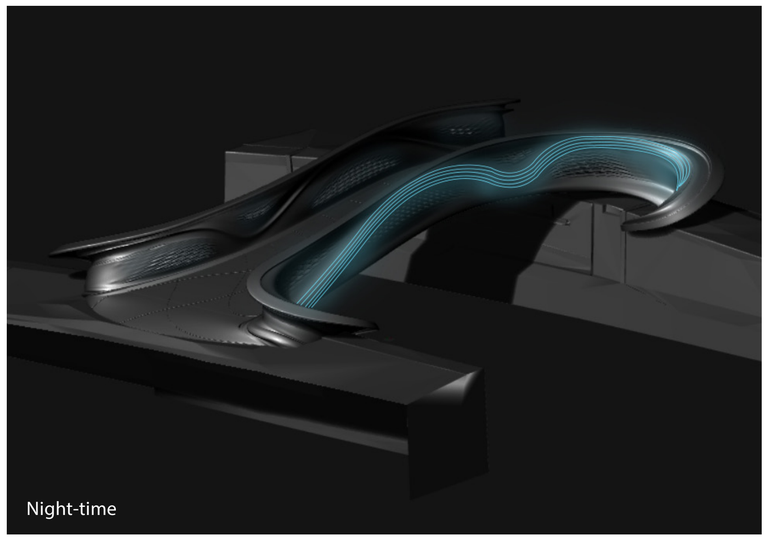
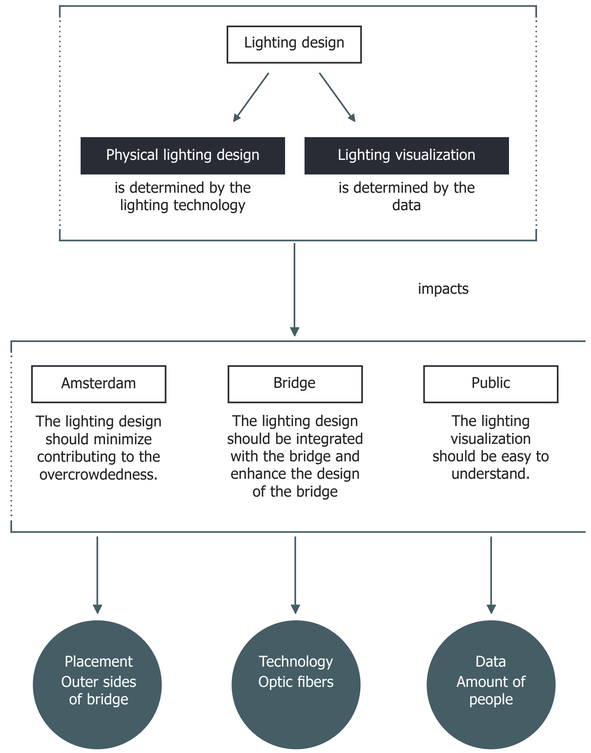
A data driven lighting design for a 3D printed bridge

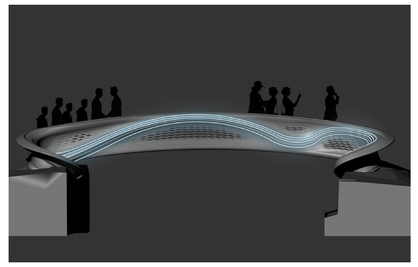


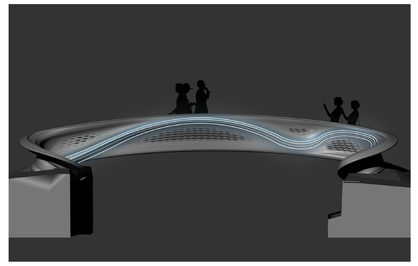


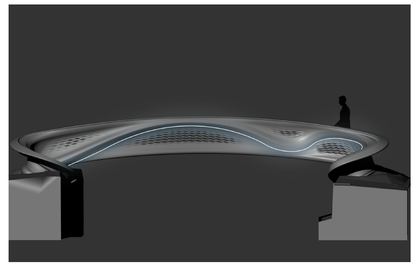
The design challenge of this graduation project was to develop a data driven lighting design for MX3D's sensor equipped 3D printed bridge, to engage a public audience with the bridge and to convey the smartness of the bridge.

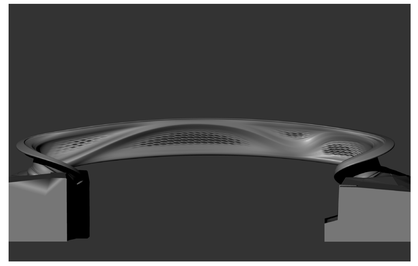


The result is a lighting design made from side emitting optical fibres, that conveys the amount of people through the amount of lines that are turned on. The lighting design glows in a constant motion to convey that the bridge is a smart bridge that is aware of its surroundings.









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for a 3D printed bridge
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Integrated Product Design

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