

Baltic Wreck Onthology in 3D Open Data

Markku Luoto at Faro Convention Regional Seminar in Tallinn 17.10.2022



Maritime Archaeological Society & Institution of Finland

Society's history, status and presence

- Founded 1995
- Granted "learned society" status 2016 while joining the Finnish Learned Societies (tsv.fi)
- Responsible organizer of the 2022 IKUWA7 conference in Helsinki

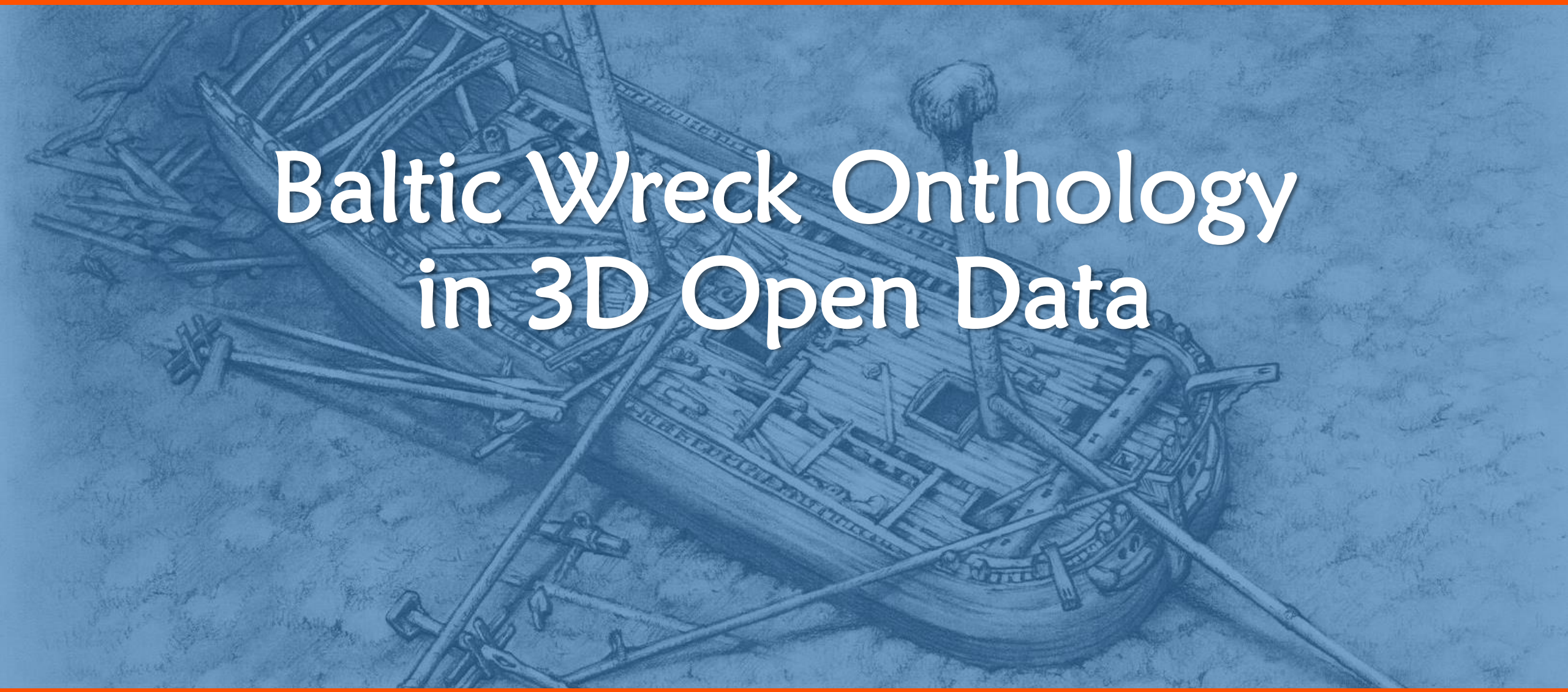


- About 200 members + 6 clubs
- Annual program:
  - A nine day field work camp in July
  - Two four day research expeditions
  - About 20 wrecksite 3D-inventories
  - Half a dozen dissemination events
- Members assist professional researchers in their field work
- Maintains 11 wrecksites in the Porkkala Wreck Park
- Wreck ontology in 3D open data

Maritime Archaeological Institution

- Initiated 2021
- Wreck **aquarium** in a decade
- Immersive **exhibition** in 2024
- Professional **researcher** 2023
- **Mission** is to enable professional long term maritime archaeological research and its continuous display in a world class facility.
- Utilizes society members, but does not rely on them but professionals

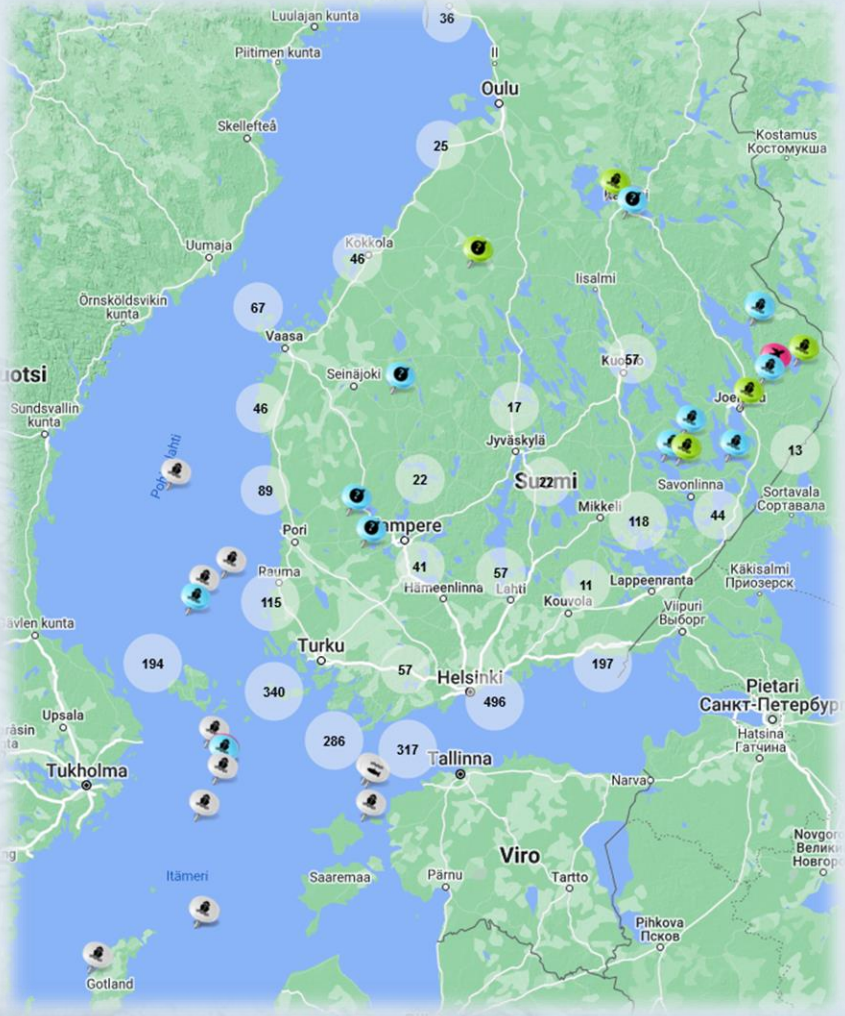




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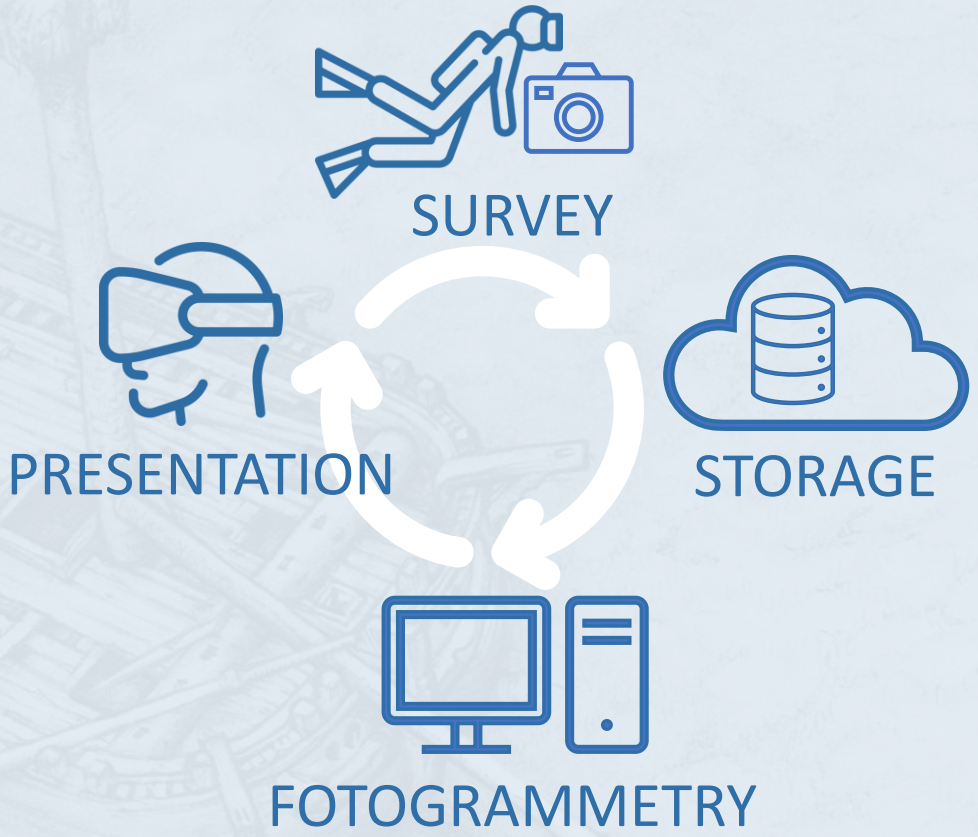
- Thousands of wrecks in the Baltic Sea
- They decay faster than being inventoried
- Only a few can be studied thoroughly
- Even less can be physically exhibited
- **Mission:** to record the wrecksites on a super human detail for future generations and create an immersive 3D model for the present – accompanied with initial dating



Baltic Wreck Onthology in 3D Open Data

MAS-Fi enables the mission – Baltic wide

- Training for surveyors
- Unlimited storage in MAS-portal
- Powerful modelling server on the net
- Presentation with Aalto University (Sketchfab)
- 20+ wrecks per year in Finland (/2000=>100A)
- Everything is Open Science (data, processes, results)



MARITIME ARCHAEOLOGICAL SOCIETY OF FINLAND

Baltic Wreck Onthology in 3D Open Data



Homepage: www.mas.fi (En)

MAS-portal: mas.mikrojebe.fi

Sketchfab: sketchfab.com/mas-fi/models

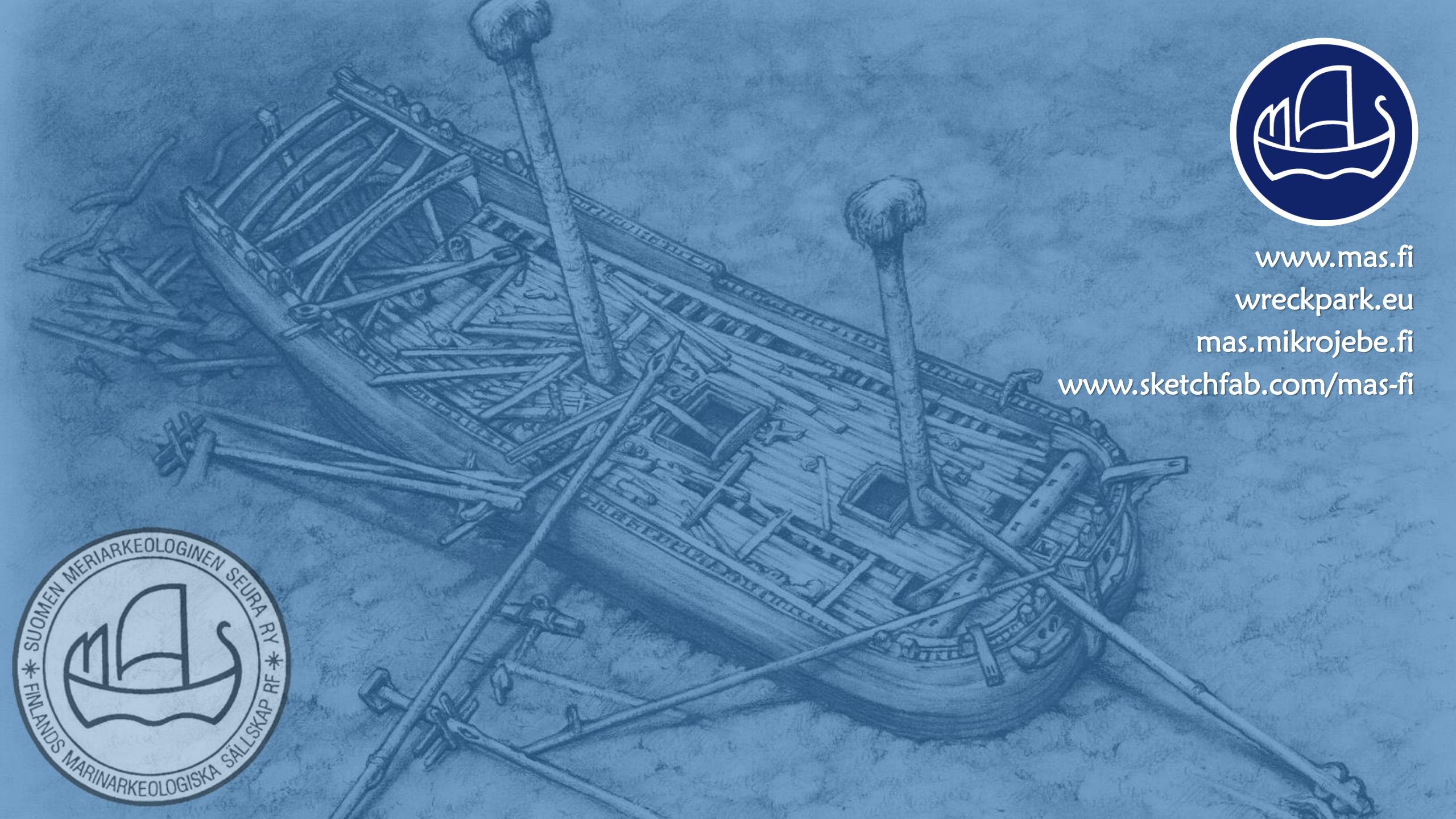
Porkkala Wreck Park: wreckpark.eu/

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www.mas.fi
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