

# Wood pre-processing

Spring 2019-2020



# Combined Mushroom and Biofuel Production



- Swedish National Program Bioinnovation: Inhemsk odling av delikata matsvampar i sikte – och biodrivmedel på köpet. 2019-12-20. (<https://www.bioinnovation.se/nyheter/inhemsk-odling-av-delikata-matsvampar-i-sikte-och-biodrivmedel-pa-kopet/>)
- Sveriges vetenskapsradio 2019-02-18: Svensk innovation kan ge billigare matsvampar (<https://sverigesradio.se/sida/artikel.aspx?programid=406&artikel=7154503>)
- Forskning.se 2019-02-11: Fördelen med att odla läckra svampar på björkved (<https://www.forskning.se/2019/02/11/fordelen-med-att-odla-lackra-svampar-pa-bjorkved/>)
- Sveriges lantbruksuniversitet 2019-02-06: Läckra svampar förbehandlar ved innan jäsning till etanol (<https://www.slu.se/ew-nyheter/2019/2/svampodling/>)
- SKOGEN 2019-04-05: Matsvamp gillar björk (<https://www.skogen.se/nyheter/matsvamp-gillar-bjork>)
- One of “Årets bästa – forskning och teknik i Sverige 2019”, IVA Aktuellt Nr 6 2019 ([https://issuu.com/iva-publikationer/docs/iva\\_nr\\_6\\_2019\\_hoguplost](https://issuu.com/iva-publikationer/docs/iva_nr_6_2019_hoguplost))
- Årets framsteg inom forskning och teknik. IVAs årliga tekniktal 2019. (<https://youtu.be/Q7L585G6mCw>) (från min 10:39).
- 4 peer review publications and excellent collaboration with P5

# Particularly great moments



**MARJAN BOZAGHIAN**

*Poster awarded as the most valuable contribution within the topic "Biomass conversion technologies for heating, cooling and electricity". EUBCE 2019*



**ATANU KUMAR DAS**

*Accepted publication in Advanced Materials IF: 25.8*

# New faces

## POSTDOCS



**GLAYDSON SIMÕES DOS REIS**  
*Carbon monoliths for electrochemical applications*



**FIROZ SHAH**  
*Mushroom cultivation with forest residue substra*



**ANNA STRANDBERG**  
*Ash particle tomography*



**ATANU KUMAR DAS**  
*Powder milling from wet logs*



**CALLE NIEMI**  
*Algae for pigments*

## PhD STUDENTS



FINALLY!!!



# On-going towards the future

## **PFTNA**

- Postdoc position
- Computer sciences?

## **ELECTROCHEMISTRY**

- Postdoc position
- Physics department?

## **BTC – BIOCHAR HUB**

Installations:

- Combined gasification and biochar production
- HTC pilot
- Microwave pyrolysis
- High temperature oven
  - Thermal treatment
  - Gas analysis and sampling system