

## 2017 review | 2018 preview

### Consistency and dynamics



Dear Sir / Madam,

The CLAAS Foundation can look back on an eventful year. A total of EUR 160,000 was awarded in funding, most of which went, as in previous years, to the Helmut Claas scholarship-holders and other prize-winners.

We have been continuously developing our international university contacts with the result that two universities from Russia and Poland are now also represented among the International Student Prize recipients. A robotics team from Mexico was able to participate in the renowned Field Robot Event competitions for the first time thanks to financial support from the CLAAS Foundation.

The specialist committees of the CLAAS Foundation also showed a certain dynamism. At this point we'd like once more to offer our heartfelt thanks to Rolf Meuther, Dr. Dan Mitchell and Prof. Dr. Marcus Geimer for their many years of commitment to the Board of Trustees and Jury.

Now let's take a look ahead at what's in store for 2018: We will support a range of exciting scientific projects while discovering and promoting promising talents in agricultural engineering. We trust you share our excitement about all of this.

Yours faithfully,



Sylvia Looks

Frank Klüsener

Executive Board of the CLAAS Foundation



The prize-winners, the Board of Trustees and the Jury met for a group photo after the awards ceremony.

The CLAAS Foundation awards prizes totalling more than EUR 45,000

### Prizes for emerging international talents

The CLAAS Foundation awarded scholarships to emerging talents in the field of agricultural science for their degree theses on agricultural engineering.

The Helmut Claas scholarships and other international student prizes with a total value of over EUR 45,000 went to students from Bulgaria, Germany, Britain, the Netherlands, Hungary, Slovakia, Russia, Poland and Romania.

They comprised the following individual prizes:

#### Scholarships:

Helmut Claas Scholarships support students studying general engineering and those completing business management degrees.

1st prize: The first prize of a scholarship worth EUR 7,200 went to Dagmar Wicklow who completed a degree in organic agricultural science at the University of Kassel-Witzenhausen. Her bachelor's dissertation involved a business assessment and system-theory analysis of mother-bonded calf raising in organic dairy cattle farming.

2nd prize: Hubertus Kleuter, an agricultural science student specialising in engineering at the Osnabrück University of Applied Sciences, won the second prize of EUR 6,000. His master's thesis comprised a benefit analysis of NIR sensors for use in commercial liquid fertilisers.

3rd prize: Tobias Rapp from the University of Hohenheim was awarded the third prize of EUR 4,800. His master's thesis dealt with the measurement of flow velocity and creation of a flow profile in a biogas fermenter for a newly developed bionic agitator, analysed independently of viscosity.

4th prize: The fourth prize of EUR 3,600 went to Simon Wolfram from the University of Kassel-Witzenhausen. He investigated the relevance and future potential of using insects as a foodstuff and fodder in Europe, with a focus on Germany.

#### Bonus Prizes:

In addition to the annual scholarships, four bonus prizes of EUR 1,500 each were awarded to students from the Technical University Aachen, Nürtingen-Geislingen University (HfWU), Harper Adams University (UK) and the Budapest University of Technology and Economics (Hungary).



*During the evening event before the prize-giving ceremony, the prize-winners presented their work on projector screens.*

### International Student Prizes

Two universities were represented for the first time at the International Student Prizes: Kuban State Agrarian University (Russia) and Poznan University (Poland). As in previous years, students from the following universities also won prizes: Banat University of Agricultural Sciences and Veterinary Medicine Timisoara (Romania), Budapest University of Technology and Economics (Hungary), Wageningen University (Netherlands), Slovak University of Agriculture in Nitra and the Angel Kanchev University of Ruse (Bulgaria). The total value of the students' prizes was EUR 4,500 per university.

### Field Robot Event in Britain

## The CLAAS Foundation supports three robotics teams

Last year the Harper Adams University (UK) organised its first annual Field Robot Event (FRE).

The start line saw teams from 14 countries, including Britain, the Netherlands, Slovenia, Finland and Mexico. Mexico joined for the first time and was supported by the CLAAS Foundation, as was the team from the University of Hohenheim, which won second place. The team from the Karlsruhe Institute of Technology won first place and the team from the University of Heilbronn came third.

Among the young scientists, the Student Research Centre (SFZ) of Überlingen, also supported by the CLAAS Foundation, won an impressive second place in the 'high school pupils' category.



*Teams from Hohenheim (above) and Mexico lined up at the start of the Field Robot Event 2017.*



*Curious by nature – pupils exploring the Technoparc.*

#### Business Incentive Prize and Agricultural Machinery Day

## 260 high school pupils received prizes

For the 11th time, the University of Paderborn awarded the Business Incentive Prize. This prize is given in recognition of the special achievements of a total of 260 high school pupils in the subjects of mathematics, biology, chemistry and physics.

In the university's packed main lecture hall, the best pupils from years eight and nine from all of the region's 23 grammar and comprehensive schools each received

a certificate, along with prize money of EUR 75 and a voucher for the Heinz Nixdorf MuseumsForum, amidst applause from numerous parents, teachers and guests of honour.

Sylvia Looks from the CLAAS Foundation also invited the prize-winners to the CLAAS Agricultural Machinery Day, where they had the opportunity to learn how science and engineering knowledge is practically applied in the production of agricultural machines.



*A special occasion: prize-giving ceremony in Paderborn's main lecture hall*

#### SFZ visits CLAAS

## Tinkerers on tour

The young researchers from the Student Research Centre (SFZ) in Osnabrück are working on getting to grips with tricky problems to do with robotics and mobility. In March, they visited CLAAS to learn about the application of modern technologies in manufacturing.

Their excursion began in the Technoparc, where the 45 students gained their first impression of CLAAS products. The factory visit, during which they were able to watch robots at work in the chamfering department, was particularly exciting for them.

The afternoon ended with a tour through the Technoparc and the Museum.

#### +++ In brief +++



+++ Prof. Dr.-Ing. habil. Thomas Herlitzius (TU Dresden) is a new member of the German jury, succeeding Prof. Dr. Marcus Geimer.



+++ Dr. Kim Blackburn (Harper Adams University) joins the British jury, replacing Dr. Dan Mitchell, who has retired.



+++ Hermann Lohbeck (Speaker of the CLAAS Group's Executive Board) is a new member of the Board of Trustees. He takes over from Dr. Rolf Meuther, who has also retired.