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SESSION ID: LAW-W05

Cyborg Liability The Future of Risk & Innovation

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Connect 
Protect

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CYBORG LIABILITY

THE FUTURE OF RISK AND INNOVATION

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THE FUTURE REQUIRES AGILE LAW

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**IT'S ABOUT MORE THAN
HACKERS & LEAKS**



MACHINE DECISIONS

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Self-Driving Cars Could Save 300,000 Lives Per Decade in America

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MIT Technology Review

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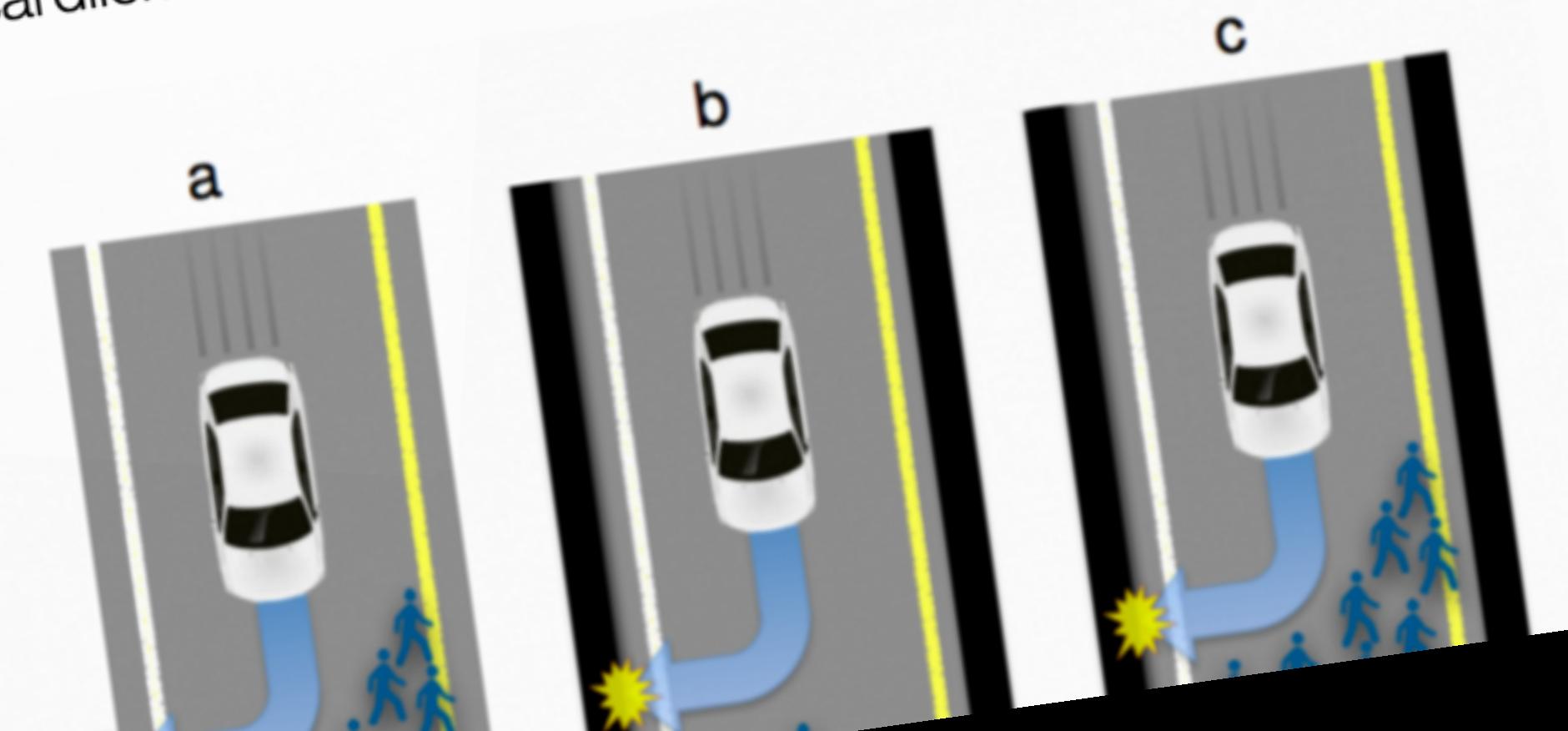
VIEW



Emerging Technology From the arXiv
October 22, 2015

Why Self-Driving Cars Must Be Programmed to Kill

Self-driving cars are already cruising the streets. But before they can become widespread, carmakers must solve an impossible ethical dilemma of algorithmic morality.



WHO IS LIABLE...

...WHEN MACHINES MAKE DECISIONS “ON THEIR OWN”?



WHO IS LIABLE...

...FOR THE ACTIONS OF A SENTIENT A.I.?



WHO IS LIABLE...

...WHEN AN ALGORITHM
TRIGGERS THE WRONG ACTION,
OR USES BAD DATA?



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LIFE | JOURNAL REPORTS: HEALTH CARE

Remote Patient Monitoring Lets Doctors Spot Trouble Early

For patients with chronic conditions, tracking of vital signs allows quick adjustments in care

Long Reach

Wireless devices for remote patient monitoring

Blood-pressure monitor >>



Digital scale >>



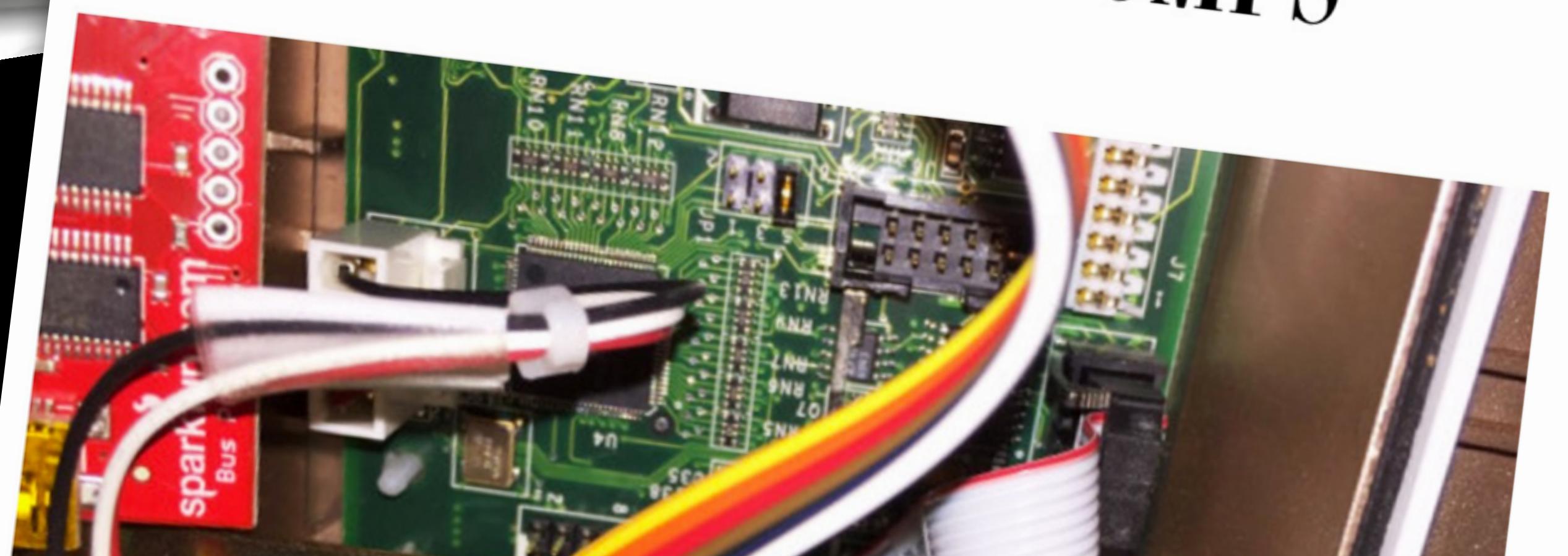
DESIGN

GEAR

SCIENCE

KIM ZETTER SECURITY 06.08.15 7:00 AM

HACKER CAN SEND FATAL DOSE TO HOSPITAL DRUG PUMPS



WHO IS LIABLE...

...WHEN A MACHINE GIVES YOU
THE WRONG MEDICATION?



WHO IS LIABLE...

...WHEN A MEDICAL DEVICE IS HACKED?



WHO IS LIABLE...

...WHEN SOFTWARE
UPDATES ARE A MATTER OF
LIFE AND DEATH?



WHAT IS THE COST OF NOT ADAPTING?

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MARKET OPPORTUNITIES GO TO WASTE

CUSTOMERS ADOPT TECH SLOWLY—OR TOO EARLY

THE “WILD WEST” EFFECT

