Day 4 at CCW
Day Four at the CCW talks on autonomous weapons covered human rights and security. Let’s see how the Twittersphere saw the day.

Paul Hannon
@PCHannon
New report calls for ban on 'killer robots' ctv.new/8c5p1LJ #cdnpoli #ccwun #killerobots

As we get ready for Thursday, here are your Day 3 #CCWUN recaps: Storify: storify.com/MinesActionCan... Video:youtu.be/pMs7vi-_hDg

Erin Hunt
@erinlynnhunt
Yesterday was a long day at #CCWUN but we've got you covered. twitter.com/MinesActionCan...
As we start Day Four of the #CCWUN talks on #killerrobots, I have a comment on last night’s informal sessions: youtu.be/Ug88HO2mg44

@ERINLYNNHUNT · 2 YEARS AGO

So Day Four at #CCWUN starts with a recap of yesterday from Amb. Biontino of @GermanyDiplo and now we’re getting going with #humanrights

@erinlynnhunt · 2 YEARS AGO

First speaker is #killerrobots superstar and UN Special Rapporteur on Extrajudicial Killings Christof Heyns.

@PCHannon · 2 YEARS AGO
Day 4 starting now after chair’s summary with intro to human rights & ethics session by #Chile’s Amb. Marta Mauras pic.twitter.com/2tjaSm1348

STOP KILLER ROBOTS @BANKILLERROBOTS · 2 YEARS AGO

ReachingCriticalWill @RCW_

UN rapporteur Christof Heyns suggests term autonomous use of force against human beings is a good formulation to capture all aspects #CCWUN

2 YEARS AGO
“What is in a name” asks Special Rapporteur Christof Heyns asks of “lethal” autonomous weapons systems #CCWUN #HRC pic.twitter.com/RCitqt5gUs

Stop Killer Robots @BANKILLERROBOTS - 2 years ago

ReachingCriticalWill @RCW_

Right to life important to protect humans from use of force, notes Christof Heyns #CCWUN. Human dignity also important in LAWS discussion.

2 years ago
4/17/2018

Day 4 at CCW

#CCWUN 4日目はじまりました。午前は人権と倫理に関する議論。パネル1人目の発表者はクリストフ・ヘインズ教授です。pic.twitter.com/rScs1EfrJL

@AARJAPAN

Treating humans as mere targets turns them into objects, which undermines human dignity says UN special rapporteur Christof Heyns #CCWUN

@RCW_

Christof Heyns points out that even if machines can be more accurate than humans at targeting, should they do it? #CCWUN

@ploughshares_ca

Control and accountability are two sides of same coin - if you don't have control, you can't be accountable, says Christof Heyns #CCWUN

@RCW_

https://storify.com/MinesActionCan/day-4-at-ccw.html
Thomas Nash @nasalthomas

Christof Heyns @executions_UNSR at #CCWUN: autonomous weapons with no meaningful human control pose range of human rights concerns

2 YEARS AGO

ReachingCriticalWill @RCW_

Lack of accountability in itself constitutes violation of right to life - UN special rapporteur Christof Heyns #CCWUN #humanrights

2 YEARS AGO

Stop Killer Robots @BanKillerRobots

"The machine did it" Fully autonomous weapons raise many accountability Qs incl. easier to take decision to use force - Heyns to #CCWUN

2 YEARS AGO

Autonomous weapons systems in the context of armed conflict & law enforcement should be banned. Heyns at #CCWUN pic.twitter.com/cMQ2qZQDCZ

ERIN HUNT @ERINLYNNHUNT - 2 YEARS AGO
"Autonomous weapons without meaningful human control should-in my mind-be banned" - Heyns updates his 2013 call for moratorium #CCWUN

Allowing machines to determine when to kill humans is degrading to human dignity as humans reduced to 0s and 1s, says Christof Heyns #CCWUN

Christof Heyns updates his call on autonomous weapons after three years of study from a moratorium to a ban. #CCUN

Eliay Lieblich up next talking about how autonomous weapons systems would limit human discretion & decision making. #CCWUN

Great for @executions_UNSR Christof Heyns to call for prohibition of weapons without meaningful human control #CCWUN twitter.com/nashthomas/sta...

Christof Heyns @executions_UNSR at #CCWUN: targeting by autonomous weapons reduces humans to 0s & 1s in a computer, undermines human dignity
Erin Hunt
@erinlynnhunt

Lieblich saying some great stuff about discretion but he talks even faster than me so I’m looking forward to reading his presentation #CCWUN

2nd speaker is Eliav Lieblich is busting some of the legal arguments made in favor of autonomous weapons #CCWUN pic.twitter.com/ArwKnxfj4p

Paul Hannon
@PCHannon

Eliay Lieblich. Radzyner Law School in Israel made some great points even though at a rapid pace. Looking forward to reading it. #CCWUN

Erin Hunt
@erinlynnhunt

3rd speaker is Daniele Bourcier talking about robots taking up judge-like decisions. #CCWUN
ReachingCriticalWill
@RCW_

Need to look not at robots but artificial intelligence with autonomous functions, argues Daniele Boucrier #CCWUN

2 YEARS AGO

Stop Killer Robots
@BanKillerRobots

Presentation will be posted with rest from #CCWUN meeting on lethal autonomus weapons system bit.ly/24xqpXb twitter.com/erinlynnhunt/s...

2 YEARS AGO

Project Ploughshares
@ploughshares_ca

Human beings are only agents that can ultimately exercise discretion and 'constant care' to meet IHL requirements. #CCWUN #killerrobots

2 YEARS AGO

Erin Hunt
@erinlynnhunt

Judge's decisions are based on expertise as well as competence and human judgement. Bourcier at #CCWUN

2 YEARS AGO

ReachingCriticalWill
@RCW_

Autonomy is about artificial intelligence, which is about programming expertise - Daniele Boucrier #CCWUN #killerrobots

2 YEARS AGO

HM Roff
@HMRoff

Boucrier #CCWUN yes, autonomy is about AI. But not necessarily about "expertise"

2 YEARS AGO
**AAR Japan 〔難民を助ける会〕**
@aarjapan

3人目はフランスのDaniele Baoucrier。注目すべきはロボットではなく、自律的な機能を持ったAIであるとのこと。 #CCWUN

*2 YEARS AGO*

**ReachingCriticalWill**
@RCW_

Law as an expertise: law in the loop (compliance), law out of the loop (framework), law in the code (code is law) - Daniele Boucier #CCWUN

*2 YEARS AGO*

**STOP KILLER ROBOTS**  @BANKILLERROBOTS - 2 YEARS AGO

3rd up on human rights & ethics session at this #CCWUN meeting on autonomous weapons is Daniele Boucier from #France pic.twitter.com/rcOVJQSFzQ

**HM Roff**
@HMRoff

Expert systems are BRITTLE. #CCWUN Boucier. You CANNOT have if/then rules for combat and complex environments. Can't foresee!!

*2 YEARS AGO*
@RCW_ ReachingCriticalWill
Bourcier arguing machines can simulate human judgment & tasks, but others say AI too brittle for battlefield env @HMRoff @PeterAsaro #CCWUN

@dustin_a_lewis dustin lewis
Channeling @lessig at #CCWUN, @DanieleBourcier is discussing how law is in the code—i.e., that code *is* law.

@HMRoff HM Roff
"code is law?" #CCWUN Bourcier sorry. Not following AT ALL

@HMRoff HM Roff
#CCWUN Bourcier- law is legislative activity and code is not this.

@BanKillerRobots Stop Killer Robots
Bourcier also sees a need to retain meaningful human control of autonomous weapons systems as last 2 speakers did #CCWUN

@LucDockendorf Luc Dockendorf
@RCW_ artificial intelligence with access to a gun (only slightly less worrying than AI with access to ICBM launch codes/protocols). #CCWUN
Day 4 at CCW

HM Roff
@HMRoff

#CCWUN Kalmanovitz - political science representing now.

2 YEARS AGO

HM Roff
@HMRoff

Pablo Kalmanovitz, Universidad de los Andes, Colombia to focus on rule of proportionality & risks of adapting/extending IHL to LAWS #CCWUN

2 YEARS AGO

ReachingCriticalWill
@RCW_

While #killerrobots may minimise risks to deploying force's own civilians, can amplify risks to foreign civilians - Pablo Kalmanovitz #CCWUN

2 YEARS AGO

Finally Pablo Kalmanovitz from #Colombia finds that use of fully autonomous weapons would pose great risks #CCWUN https://t.co/sHM8tEnh3a

Finally Pablo Kalmanovitz from #Colombia finds that use of fully autonomous weapons would pose great risks #CCWUN pic.twitter.com/sHM8tEnh3a

STOP KILLER ROBOTS @BANKILLERROBOTS - 2 YEARS AGO

Y Moser-Puangsuwan
@yeshuamp

#CCWUN Kalmanowitz worried LAWS encourages risk free war

2 YEARS AGO

ReachingCriticalWill
@RCW_

Proportionality requires human commander estimate risk to civilians & protected persons - Kalmanovitz #CCWUN #IHL #killerrobots

2 YEARS AGO
Starting day 4 (of 5) of the #CCWUN Informal Meeting of Experts pic.twitter.com/PqQY1RK1pW

@HLSPILAC - 2 YEARS AGO

@RCW_ Extending IHL to govern #killerrobots requires sufficient knowledge, distinguish bw culpable and non-culpable ignorance - Kalmanovitz #CCWUN

@RCW_ - 2 YEARS AGO

@HMRoff Kalmanovitz #CCWUN - how is this different than a commander needing to take necessary precautions in attack?

@HMRoff - 2 YEARS AGO

@RCW_ #killerrobots are autonomous, thus non-deterministic, thus inherently incorporate uncertainty - Kalmanovitz #CCWUN

@RCW_ - 2 YEARS AGO
AAR Japan 〔難民を助ける会〕
@aarjapan
午前のパネル、最後の専門家はコロンビアのPablo Kalmanovitz。 #killerrobot を配備すれば自国の市民の命は守れるかもしれませんが、他国の市民の命を危険にさらすことになります。
#CCWUN twitter.com/BanKillerRobot...

HM Roff @HMRoff
Kalmanovitz #CCWUN - cannot define levels of knowledge for risk assessment and no voice to represent civilians. Agreed.

ReachingCriticalWill @RCW_
Those at most risk of suffering harm from #killerrobots e.g. foreign civilians have no role in article 36 weapon reviews - Kalmanovitz #CCWUN

Erin Hunt @erinlynnhunt
These points from Kalmanovitz about the asymmetric risks to civilians is interesting. #CCWUN

Erin Hunt @erinlynnhunt
Yet another voice saying article 36 reviews are not sufficient for dealing with #killerrobots. #CCWUN twitter.com/RCW_/status/72...

ReachingCriticalWill @RCW_
#killerrobots programming may incorporate preference of military advanced countries to shift risks away from own forces - Kalmanovitz #CCWUN
"nightmare of unaccountable robots killing innocent civilians may become reality" Kalmanovitz #CCWUN

Higher damage to civilians could come to be treated as proportional bc preferences of deploying force programmed in - Kalmanovitz #CCWUN

Risk transfer likely to occur with the use of AWS in war according to Kalmanovitz #CCWUN

#CCWUN 3日目（4月13日）tweetまとめです。 twitter.com/MinesActionCan...

Fascinating expert panel on #IHRL at #CCWUN lots of points for my research into the legality of #LAWS

#CCWUN Canada asks elaborate on how AWS would infringe on the (rights?) of their own populations
Stop Killer Robots
@BanKillerRobots

#Canada acknowledges perspective of the victim and asks about perspective of the state using force on behalf of their populations #CCWUN

2 YEARS AGO

Project Ploughshares
@ploughshares_ca

#Canada asks about appropriate behaviour in regards to using force on behalf of the population #CCWUN

2 YEARS AGO

HM Roff
@HMRoff

#CCWUN Canada asks how risk works when one is thinking about near peer adversaries

2 YEARS AGO

Project Ploughshares
@ploughshares_ca

Canada: is an individual (human) soldier really an agent of executive discretion? #CCWUN #killerrobots

2 YEARS AGO

Ray Acheson
@achesonray

Good points from Kalmanovitz on transfer of risk to civilians & their exclusion from #killerrobots reviews #CCWUN twitter.com/HMRoff/status/...

2 YEARS AGO

HM Roff
@HMRoff

#CCWUN Poland says AWS are complex but tools. Value is on the human. How do you let them act autonomously but not give up human control?

2 YEARS AGO
HM Roff
@HMRoff

#CCWUN - Poland wants to develop entirely new terms to discuss "autonomy" because the usage now is too anthropomorphic.

Erin Hunt
@erinlynnhunt

Questions from @CanadaUNGeneva (well DND) and now statement from @PLinUN about anthromorphizing language. #CCWUN

HM Roff
@HMRoff

#CCWUN Chile takes position of preventive precaution. AWS runs against human rights and international humanitarian law

HM Roff
@HMRoff

#CCWUN Chile - prohibit AWS as logical choice

長有紀枝（Yukie OSA）
@yukieosa

#CCWUN LAWS非公式専門家会合4日目。午前の部は、人権と倫理からLAWSの課題について議論中。昼の、キラーロボットキャンペーン主催のサイドイベントではモデレーターを務めます。人間の有用な統制（MHC）原則に基づき、法・倫理・技術のアプローチからLAWSの定義を試みるパネル

Erin Hunt
@erinlynnhunt

Chile says disarmament and human rights community need to be ahead of the curve here on autonomous weapons systems. #CCWUN
ReachingCriticalWill
@RCW_

#Chile argues #killerrobots go against IHL and #humanrights; calls for prohibition of LAWS as logical choice #CCWUN @BanKillerRobots

2 YEARS AGO

HM Roff
@HMRoff

#CCWUN Chile- use of AWS i) could shield commanders ii) no ability for civilians for redress iii) no criminal/civil accountability

2 YEARS AGO

Gabor Paal
@GaborPaal

Einigkeit: Roboter/Programme können keine juristischen Entscheidungen treffen - unmöglich Verantwortung in Maschine zu verlagern #CCWUN

2 YEARS AGO

Erin Hunt
@erinlynnhunt

Very logical position from @ChileONU and now raising human rights issues in a pretty strong statement #CCWUN twitter.com/HMRoff/status/...

2 YEARS AGO

Stop Killer Robots
@BanKillerRobots

#Chile is seriously concerned at the risks & negative impacts created by a lack of human control of autonomous weapons #CCWUN

2 YEARS AGO

HM Roff
@HMRoff

#CCWUN Brazil - human rights component important re: AWS, reference to human rights law should be prominent in discussion

2 YEARS AGO
HM Roff
@HMRoff

#CCWUN - Brazil. Are we talking about AWS alone or human-robot interactions? VERY GOOD POINT.

2 YEARS AGO

Stop Killer Robots
@BanKillerRobots

#Brazil reminds #CCWUN that human rights law not just "human rights" be considered. Does "human-machine interaction" impact human dignity?

2 YEARS AGO

HM Roff
@HMRoff

How does human robot interaction affect human rights asks Brazil #CCWUN

2 YEARS AGO

Stop Killer Robots
@BanKillerRobots

#Cuba sees an absolutely crucial human rights component to matter of autonomous weapons systems, thanks Heyns for his work #CCWUN

2 YEARS AGO

ReachingCriticalWill
@RCW_

#Cuba suggest right to peace would be undermined by #killerrobots and asks Christof Heyns if self-determination would be affected #CCWUN

2 YEARS AGO

AAR Japan 難民を助ける会
@aarjapan

4名の専門家の発表が終わり、各国からのコメントにうつりました。カナダ、ポーランド、チリ、ブラジル、キューバの発言がおわり、エジプトがコメント中。 #CCWUN

2 YEARS AGO

https://storify.com/MinesActionCan/day-4-at-ccw.html
Erin Hunt
@erinlynnhunt

#Cuba asks about some of the other human rights like right to peace and now #Egypt has a few questions. #CCWUN

Project Ploughshares
@ploughshares_ca

US- International human rights controls would be applicable in law enforcement uses of autonomous systems #CCWUN

HM Roff
@HMRoff

#CCWUN US thinks ethical considerations important, but these are distinct from legal requirements

Erin Hunt
@erinlynnhunt

. @usmissiongeneva recognizes that in law enforcement & border control human rights matter but wants to keep moral/ethical separate #CCWUN

Project Ploughshares
@ploughshares_ca

United States: there is a different between ethical considerations and legal requirements re emerging technologies #CCWUN #killerrobots

Stop Killer Robots
@BanKillerRobots

#US wants to distinguish between ethical considerations & legal requirements. Do not preclude use of technology to mitigate harm. #CCWUN
Stop Killer Robots
@BanKillerRobots

#US wants to distinguish between ethical considerations & legal requirements. Do not preclude use of technology to mitigate harm. #CCWUN

2 YEARS AGO

ReachingCriticalWill
@RCW_

US: must be clear about what constitutes ethical considerations vs legal requirements in discussing #killerrobots ... #CCWUN

2 YEARS AGO

HM Roff
@HMRoff

human machine teaming and targeting - gives better discrimination and situational awareness says US #CCWUN

2 YEARS AGO

ReachingCriticalWill
@RCW_

Cultural and ethical norms about military operations have implications for #humanrights considerations - USA #CCWUN

2 YEARS AGO

Stop Killer Robots
@BanKillerRobots

Autonomy in weapons may find use in peacekeeping & help prevent IHL violations. Human-machine teams in targeting = better discrimination #US

2 YEARS AGO

HM Roff
@HMRoff

#CCWUN US says states must uphold moral and humanitarian goals, undertake weapons review process. Discuss more in CCW

2 YEARS AGO
Erin Hunt
@erinlynnhunt

US statement during human rights discussion at #CCWUN twitter.com/BanKillerRobot...

HM Roff
@HMRoff

#CCWUN Sierra Leone passionately saying that the member states are slowing moving forward to a consensus

“Stop right now, thank you very much, I need somebody with a human touch” - Spice Girls, 1997 @BanKillerRobots #CCWUN pic.twitter.com/xTTe2YYTHq

HM Roff
@HMRoff

#CCWUN - Sierra Leone thinks there is good reason for a moratorium on AWS
Stop Killer Robots
@BanKillerRobots

Sierra Leone asks presenters about relevance of the Martens Clause on dictates of the public conscience. Now Qs from #France @FR_Desarmement

2 YEARS AGO

HM Roff
@HMRoff

France wants to know how one can translate ethical rules into algorithms. Well, I’d like to know that too. #CCWUN

2 YEARS AGO

HM Roff
@HMRoff

#CCWUN Ireland pleased that we are talking ethics, we must ask what is "morally acceptable" must also be on the table. Martens Clause!!

2 YEARS AGO

Stop Killer Robots
@BanKillerRobots

#Ireland @DisarmamentIRL says IHL compliance is essential but Q of "what is morally acceptable" must inform the debate, incl. Martens Clause

2 YEARS AGO

HM Roff
@HMRoff

The moral consequences of the "possessor of the systems" of AWS is important. #CCWUN @DisarmamentIRL

@PCHannon · 2 YEARS AGO

2 YEARS AGO
Ireland thanking @UNIDIR for their great work on AWS #CCWUN

#Russia has a question. Now #India who believes ethical & human rights dimension is important. #CCWUN framework is broad enough to address

#CCWUN India - concerned with symmetrical conflict. Should look MORE at symmetrical conflict. Escalation more likely.

#India sees need for #CCWUN to consider impact of “LAWS” in symmetrical conflict as opposed to asymmetric conflict pic.twitter.com/5tU6cetr9R
HM Roff @HMRoff

#CCWUN "where does public conscious stop AWS?" asks India

2 YEARS AGO

Stop Killer Robots @BanKillerRobots

#India acknowledges the Martens Clause & matter of public conscience. Consider right of the combatant to surrender. #CCWUN

2 YEARS AGO

HM Roff @HMRoff

#CCWUN - Algeria asking about Boucier's study on AIs making legal decisions. Russia asked too: Basically "how is this applicable to AWS"

2 YEARS AGO

Stop Killer Robots @BanKillerRobots

#Algeria has a Q about integrating legal codes into robots. Now Amnesty International which prefers term "autonomous weapons systems" #CCWUN

2 YEARS AGO

HM Roff @HMRoff

@amnesty #CCWUN stating that please there is convergence over human control, but AWS still threaten fundamental human rights.

2 YEARS AGO

Stop Killer Robots @BanKillerRobots

Amnesty @AmnestyOnline sees serious human rights concerns w. possible use of autonomous weapons systems in policing & law enforcement #CCWUN

2 YEARS AGO
HM Roff
@HMRoff

#CCWUN @amnesty all true insights re: law enforcement and AWS. But CCW is about IHL...may fall on deaf ears here.

2 YEARS AGO

ReachingCriticalWill
@RCW_

Inconceivable that #killerrobots without meaningful human control could respect IHL or #humanrights - @Rasha_Abdul @AmnestyOnline #CCWUN

2 YEARS AGO

Stop Killer Robots
@BanKillerRobots

Amnesty International calls for a preemptive ban on lethal and less-than-lethal autonomous weapons systems. It is a member of our campaign.

2 YEARS AGO

ReachingCriticalWill
@RCW_

.@AmnestyOnline calls for a prohibition of #killerrobots operating without meaningful human control - @Rasha_Abdul #CCWUN

2 YEARS AGO

HM Roff
@HMRoff

#CCWUN China elimination of conflict is the only way to stop human rights. Disappointed that some states want to think about design of AWS

2 YEARS AGO

Stop Killer Robots
@BanKillerRobots

A comment from #China who sees need for #CCWUN to preemptively ban "certain evil weapons." [also made this call at the 2015 meeting] #CCWUN

2 YEARS AGO
Stop Killer Robots
@BanKillerRobots

We talked to #Chile & it confirms its statement was a call to preemptively ban lethal autonomous weapons - "Add us to the list" #13 #CCWUN

Mary Wareham
@marywareham

#GoodNews from #Chile @ChileONUGenebra at this @UNGeneva meeting Momentum is increasing. A ban treaty is inevitable. twitter.com/bankillerrobot...

ReachingCriticalWill
@RCW_

.@executions_UNSR Heyns raises psychological element of humans deferring to machines & assuming they might know better than us #CCWUN

Michael C. Horowitz
@mchorowitz

Was Heyns implying there are autonomous weapons w/ MHC, or does lack of MHC = autonomous? #CCWUN @paul_scharre twitter.com/nasthomas/sta...

ReachingCriticalWill
@RCW_

"Capture not kill" is still use of force, subject to same concerns if done without meaningful human control- Heyns @executions_UNSR #CCWUN

ReachingCriticalWill
@RCW_

Law enforcement have obligation to protect public; have much lower requirement in armed conflict; use of AWS could undermine - Heyns #CCWUN

https://storify.com/MinesActionCan/day-4-at-ccw.html
Human soldier that pulls trigger exercises discretion, international law recognises this - Lieblich #CCWUN

Even when chain of command in place, every individual--from General to Private--exercises discretion. #CCWUN #killerrobots

Analysis of war governance emminates from #humanrights law e.g. due process, exercising discretion before you act - Lieblich #CCWUN

When talking about #killerrobots have to say something about nature of humanity in warfare - Lieblich #CCWUN

Is there a duty to widen possibility of surrender in armed conflict when #killerrobots acting fast diminish that option? Lieblich #CCWUN

Like Heyns, Lieblich is concerned about what happens if #killerrobots programmed for armed conflict are used in law enforcement #CCWUN
Just delivered a statement on behalf of @AmnestyOnline highlighting dangers #KillerRobots pose in policing. #CCWUN pic.twitter.com/HsGqb3zPvM

RASHA ABDUL-RAHIM @RASHA_ABDUL · 2 YEARS AGO

Great to have @ChileONU and @MisionMexOi announce support for a ban in last 24 hours. pic.twitter.com/FXqTV7Xpuk

ERIN HUNT @ERINLYNNHUNT @PCHannon · 2 YEARS AGO
ReachingCriticalWill
@RCW_
Thirteen states now explicitly endorse a prohibition on weapons operating without meaningful human control! @BanKillerRobots #CCWUN
2 YEARS AGO

MiriamStruyk
@MiriamStruyk
Chili also in favor of a ban on killer robots, next please! #killerrobots#CCWUN#paxforpeace
2 YEARS AGO

Ray Acheson
@achesonray
Even if human has some control over attack function there's a risk from machine controlling target selection #CCWUN twitter.com/RCW_/status/72...
2 YEARS AGO

AAR Japan 〔難民を助ける会〕
@aarjapan
一昨日のアルジェリアとコスタリカ、昨日のコロンビアに続き、チリからもキラーロボットの禁止を求める発言がありました。禁止に賛成している国は、キューバ、ボリビア、エクアドル、エジプト、ガーナ、パキスタン、パレスチナ、ジンバブエをあわせて現在13ヵ国です。#CCWUN
2 YEARS AGO

Project Ploughshares
@ploughshares_ca
Kalmanovitz: ethical considerations unavoidable in LAWS discussions / negotiations. #CCWUN #killerrobots
2 YEARS AGO

ReachingCriticalWill
@RCW_
#killerrobots risk lowering threshold for war be not as much risk to deploying force & risk lowering use of force in war- Kalmanovitz #CCWUN
2 YEARS AGO
#Mexico and #Chile become the 12th and 13th states to endorse the call to @BanKillerRobots at #CCWUN

More Qs & comments: @JodyWilliams97 for @NobelWomen warns against use of fully autonomous weapons in law enforcement pic.twitter.com/2qM9eIVbWP

Kalmanovitz cautious about concept of "possibility" of human control #CCWUN

#CostaRica: if there is no accountability there is impunity #CCWUN #killerrobots
Machines are ammoral; #killerrobots would further dehumanise war - #CostaRica #CCWUN

Very strong call by Costa Rica to avoid dehumanizing armed conflict and use of force. Machines should not be entitled to take a life. #CCWUN

Worry of k.robot "trickle down" real. U.S. highly militarized police & N.Dakota allows police use of weaponized drones. #ccwun

Given the huge risks involved it may well be morally decent to preemptively ban lethal autonomous weapons systems - Kalmanovitz tells #CCWUN
#Chile hace un llamado para que se prohíban, preventivamente, las armas autónomas letales
#CCWUN #13 @SehlacOrg pic.twitter.com/Rg2jZ6tetR

Twitter post from STOP KILLER ROBOTS @BANKILLERROBOTS - 2 YEARS AGO

Daan Kayser
@DaanKayser

Good news! Now 13 countries are calling for a ban on autonomous weapons @ccwun @PAXforpeace

Twitter post from Daan Kayser - 2 YEARS AGO

Stop Killer Robots
@BanKillerRobots

We have heard a very clear call to ban lethal autonomous weapons systems from Heyns and others says #Chile in wrapping up #CCWUN session

Twitter post from Stop Killer Robots - 2 YEARS AGO
<table>
<thead>
<tr>
<th>REACHINGCRITICALWILL</th>
<th>@RCW_ - 2 YEARS AGO</th>
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Thanks to @JodyWilliams97 @NobelWomen for contributing to CCW Report!
reachingcriticalwill.org/images/document... #CCWUN #killerrobots pic.twitter.com/WGApvdvJbs

Stop Killer Robots
@BanKillerRobots

LIVE on #Periscope periscope.tv/w/ad4gJjFlUkV4...

2 YEARS AGO

rboer
@rboer

#Chile #13 to endorse call for a ban on #killerrobots. Good news coming from #CCWUN.
@BanKillerRobots

2 YEARS AGO

Stop Killer Robots
@BanKillerRobots

Last October @TobyWalsh came from #Australia to join our outreach at the @UN General Assembly in New York stopkillerrobots.org/2015/10/unga-r... #UNGA

2 YEARS AGO
Day 4 at CCW

Frank Slijper
@FrankSlijper

ABC Triple J: Should we stop worrying and learn to love the killer robot? Great blog by @TobyWalsh: thefutureofai.blogspot.ch/2016/04/abc-tr... #CCWUN

2 YEARS AGO

Mark Gubrud
@mgubrud

Spot-on, #India. Asymmetric conflict is the baby elephant in the room. War between nuclear powers is the tusker. #CCWUN @BanKillerRobots

2 YEARS AGO
Great letter by fmr US Army captain in @New Yorker highlights danger of "Automated warfare" #CCWUN @BanKillerRobots pic.twitter.com/LfFY8Nx6gc

MATTHEW BOLTON @POLITICALMINES - 2 YEARS AGO

ReachingCriticalWill @RCW_

"When we act from afar and from the shadows, we do much more harm than good." -Capt Bruce W. Rider #CCWUN @New Yorker twitter.com/politicalmines...

2 YEARS AGO

ICRAC @StopTheRobotWar

Amb Jayantha: Autonomous Weapons Systems will destabilise global security. Leaving the killing to machines would make killing easier #CCWUN

2 YEARS AGO

Seth Baum @SethBaum

Autonomous weapons debate NOW @UNGeneva, hashtag #CCWUN (Convention on Conventional Wpns) @FLIxrisk @BanKillerRobots stopkillerrobots.org/2016/04/thirdc...

2 YEARS AGO
As long as k.robots go unregulated, there is increased probability of proliferation. Amb. Dhanapala. #ccwun

French delegation met today with representatives of civil society to share views on LAWS @ #CCWUN @BanKillerRobots pic.twitter.com/tRwCeE0vxX

https://storify.com/MinesActionCan/day-4-at-ccw.html
La délégation française rencontre des représentants de société civile pour échanger sur la #CCWUN @BanKillerRobots pic.twitter.com/8jarXq8czB
Now #CCWUN meeting considers security issues facilitated by Amb. Yvette Stevens, Sierra Leone #CCWUN @UNGeneva pic.twitter.com/HhE1cpJRVF

STOP KILLER ROBOTS @BANKILLERROBOTS - 2 YEARS AGO

ReachingCriticalWill
@RCW_

It's our collective moral and social responsibility to ensure international law protects human beings - Amb. Jayantha Dhanapala #CCWUN

2 YEARS AGO

ReachingCriticalWill
@RCW_

Autonomous weapons have some risks that need to be recognised, including threat of technological failure - Vadim Kozyulin @PIR_Center #CCWUN

2 YEARS AGO

ReachingCriticalWill
@RCW_

Loss of comms, jamming control, interception, cyber security failures, design failures, hacking are potential risks - Kozyulin #CCWUN

2 YEARS AGO
ICRAC
@StopTheRobotWar

Russia: Kozyulin (PIR) Control problematic with cyber security. Showing picture of UK and US developments of autonomous weapons. #CCWUN

2 YEARS AGO

1st presenter Jayantha Dhanapala from Sri Lanka, now president of Pugwash, served as 1st disarmament chief at @UN pic.twitter.com/6P0rda6nCj

STOP KILLER ROBOTS @BANKILLERROBOTS - 2 YEARS AGO

Leaked documents suggest most people killed by #drones were not intended targets - Vadim Kozyulin @PIR_Center #CCWUN

2 YEARS AGO
2nd presenter Vadim Kozyulin from PIR Center in Moscow warns of an arms race over autonomous weapons systems #CCWUN pic.twitter.com/yHh2nRJUKK

@STOPKILLEROBOTS · 2 YEARS AGO

ReachingCriticalWill @RCW_

Kozyulin @PIR_Center raises concerns with possibility of global superiority, increased military spending, and new arms race #CCWUN

@2 YEARS AGO

ReachingCriticalWill @RCW_

Is a significant global norm for disarmament and preventative regulations to protect civilians - @DeniseGarcia100 @Northeastern #CCWUN

@2 YEARS AGO

ReachingCriticalWill @RCW_

Development of autonomous weapons would jeopardise emerging global norm for disarmament & civilian protection @DeniseGarcia100 #CCWUN

@2 YEARS AGO
ReachingCriticalWill @RCW_

Autonomous weapons will lower threshold for use of force - less inhibitions to war if perceived to be more targeted @DeniseGarcia100 #CCWUN

2 YEARS AGO

ICRAC @StopTheRobotWar

ICRAC’s Denise Garcia plenary at the CCW. Autonomous weapons would seriously jeopardise current global norms. #CCWUN

2 YEARS AGO

Erin Hunt @erinlynnhunt

Concerning. #CCWUN twitter.com/RCW_/status/72...

2 YEARS AGO

ReachingCriticalWill @RCW_

Autonomous weapons would undermine civilian protection, #humanrights law, architecture for sustainable peace @DeniseGarcia100 #CCWUN

2 YEARS AGO

Peter Asaro @PeterAsaro

@DeniseGarcia100: The stabilizing framework of IHL is threatened by autonomous weapons #CCWUN @icracnet

2 YEARS AGO
ICRAC’s Denise Garcia plenary at CCW: Autonomous weapons would seriously jeopardise current global norms. #CCWUN pic.twitter.com/S3TqLKHOMq

Jody Williams
@JodyWilliams97

Denise Garcia-peaceful resolution of conflicts shld take precedence over use of force. K.robots will destabilize this fragile balance. #ccwun

ReachingCriticalWill
@RCW_

States have the opportunity to promote better future for humanity - @DeniseGarcia100 #CCWUN

ReachingCriticalWill
@RCW_

Development of #killerrobots would divert world’s resources in violation of @UN Charter’s article 26 @DeniseGarcia100 #CCWUN #GDAMS
Jody Williams
@JodyWilliams97

Another arms race will destabilize and leave everyone less secure. D.Garcia #ccwun

STOP KILLER ROBOTS @BANKILLERROBOTS

All 3 speakers have listed arms races, proliferation of lethal autonomous weapons as major security concerns #CCWUN pic.twitter.com/8bOr4vmC3e

Noel Sharkey
@NoelSharkey

ICRAC Denise Garcia: The rise of autonomous weapons will create insecurity at the regional level. #CCWUN

ReachingCriticalWill
@RCW_

Prevention brings stability. A treaty banning autonomous weapons would be #CCWUN's greatest achievement. @DeniseGarcia100 @BanKillerRobots
Lastly Eneken Tikk-Ringas notes clear distinction between armed drones & lethal autonomous weapons systems #CCWUN pic.twitter.com/kSLthwJBOg

STOP KILLER ROBOTS @BANKILLERROBOTS · 2 YEARS AGO

Ray Acheson
@achesonray

Great presentation by @DeniseGarcia100 at #CCWUN on preventing consequences of #killerrobots by prohibiting them now twitter.com/RCW_/status/72...

2 YEARS AGO

Ray Acheson
@achesonray

Good to see two speakers, @DeniseGarcia100 & Kozyulin, raise concerns about military spending in connection with #killerrobots #CCWUN #GDAMS

2 YEARS AGO

There is clearly a threat posed by lethal autonomous weapons systems. Users of such capabilities bound by IHL #CCWUN https://t.co/8fiKkjBbGy

STOP KILLER ROBOTS @BANKILLERROBOTS · 2 YEARS AGO
ICRAC
@StopTheRobotWar

Tikk-Ringas (IIS) worried about dual use. Where was she hiding when thousands of experts said a ban of AWS will benefit civil use #CCWUN

2 YEARS AGO

Stop Killer Robots
@BanKillerRobots

Qs from #China. Intervention & Qs from #Pakistan who urges greater focus on security concerns raised by lethal autonomous weapons #CCWUN

2 YEARS AGO

Stop Killer Robots
@BanKillerRobots

# of states are developing autonomous systems. @icracnet is concerned by development of swarm technology - big security threat @icracnet

2 YEARS AGO

@icracnet’s Noel warns of rapid proliferation, arms race & swarm warfare if #killerrobots are not stopped #ccwun pic.twitter.com/vfUFv1XMo8

RASHA ABDUL-RAHIM  @RASHA_ABDUL · 2 YEARS AGO
Jody Williams
@JodyWilliams97

International Law will be what states make of it. Tikk-Ringas, Intl Inst. for Strategic Studies.
#ccwun

2 YEARS AGO

@NoelSharkey speaks for the scientists of @icracnet: #KillerRobots and swarms are intrinsically unpredictable pic.twitter.com/9DjKo1nfUM

2 YEARS AGO
Our co-founder @icracnet’s scientists & tech experts inform this #CCWUN meeting & demand swifter action by states pic.twitter.com/Aqswa5eLw1

STOP KILLER ROBOTS @BANKILLERROBOT · 2 YEARS AGO

#CCWUN forum managed to prohibit & restrict appalling weapons in the past but its consensus rule may prevent progress - @DeniseGarcia100

2 YEARS AGO

Autonomous weapons would represent another stage in the militarisation of the world - Vadim Kozyulin @PIR_Center #CCWUN #killerrobots

2 YEARS AGO

Autonomous weapons represent another stage of militarization of world - can encompass both conventional & nuclear says Kozyulin @PIR_Center

2 YEARS AGO
Kozyulin finds that autonomous weapons especially swarms pose even more danger than nuclear weapons. Believes #CCWUN is place to discuss.

Autonomous weapons are more dangerous than nuclear according to Vadim Kozyulin of PIR Center, Russian Federation. #ccwun

Lessons from history show how prohibitions can work to prevent arms races promote security. - Dhanapala #CCWUN pic.twitter.com/scJelT6sav

Facilitator Sierra Leone finds autonomous weapons systems would lower threshold for going to war, result in arms races, destabilize #CCWUN
#SierraLeone Ambassador thanks @icracnet for their input and urges #CCWUN to listen to the scientists #KillerRobots threats to security

2 YEARS AGO

Sierra Leone says that those who say lethal autonomous weapons systems do not exist should then not hesitate to preemptively ban them #CCWUN

2 YEARS AGO

Session concluded & now it's informal consultations on draft recommendations. No more tweets sorry as off-the-record pic.twitter.com/OF2IxDkcU3

STOP KILLER ROBOTS @BANKILLERROBOTS - 2 YEARS AGO
ICRAC
@StopTheRobotWar

#CCWUN We really must try, try and try again to get states to realise our fears of full autonomous warfare twitter.com/PeterAsaro/sta...

2 YEARS AGO

Mark Hiznay
@MarkHiznay

#Egypt active this week in #CCWUN talks on #killerrobots, perhaps it's time to fully join the convention -- only a signatory @MfaEgypt

2 YEARS AGO

Stop Killer Robots
@BanKillerRobots

#TBT Sep. 2013: #France convenes a seminar on #KillerRobots at @UN_Geneva ow.ly/ZJ4kP

2 YEARS AGO

Jonathan H Brown
@ProcessWonk

For the 3rd year— thoughtful, logical diplomats cannot agree that killer robots are a bad idea. #ccwun Get involved! stopkillerrobots.org

2 YEARS AGO
Our campaign was happy to meet #France @FR_Desarmement today at #CCWUN meeting on autonomous weapons @FranciaenGuate pic.twitter.com/4x2cGPI3hV

STOP KILLER ROBOTS @BANKILLERROBOTS - 2 YEARS AGO

Stop Killer Robots
@BanKillerRobots

This informal consultation is off-the-record but we have permission from #Nicaragua to make public its statement just now... 1/2 #CCWUN

2 YEARS AGO
Great news! Nicaragua is the 14th country to call for a ban on autonomous weapons systems aka #killerrobots. #CCWUN pic.twitter.com/d0A8rNWNsU

@ERINLYNNHUNT · 2 YEARS AGO

#Nicaragua calls for a preemptive ban on lethal autonomous weapons systems. "Put us on the list." 14th state to endorse ban #CCWUN #GoodNews

@BanKillerRobots · 2 YEARS AGO

#Nicaragua has just asked @BanKillerRobots to put it on the list of countries that support a ban. That makes 14. Who's next?

@PCHannon · 2 YEARS AGO
Both #Chile & #Nicaragua called for a ban on killer robots today. pic.twitter.com/YyATAiVeu4

@PCHANNON · 2 years ago

Stop Killer Robots
@BanKillerRobots

#Nicaragua hace un llamado para que se prohíban, preventivamente, las armas autónomas letales. #CCWUN @SehlacOrg #14

@BanKillerRobots · 2 years ago

Stop Killer Robots
@BanKillerRobots

Updated list of 14 nations that are calling for a ban on fully autonomous weapons, incl. 5 just this week at #CCWUN: bit.ly/1RWyqPZ

@BanKillerRobots · 2 years ago
14 countries have now endorsed the call to preemptively ban fully autonomous weapons
bit.ly/1RWyqPZ #CCWUN pic.twitter.com/Uu0jIOjoOv

Day 4 recap video with @Rasha_Abdul of @AmnestyOnline is now up. youtu.be/UzbTyn_sl68

https://storify.com/MinesActionCan/day-4-at-ccw.html
ICRAC
@icracnet

Read ICRAC's strong statement on security to the 2016 #CCWUN Expert Meeting by @NoelSharkey - tinyurl.com/jqnb4zo @BanKillerRobots

Rasha Abdul-Rahim
@Rasha_Abdul

Here is a recap of today's discussions at the #CCWUN. Thanks @MinesActionCan! #killerrobots twitter.com/minesactioncan...

Daan Kayser
@DaanKayser

Moving on up! Now 14 countries are calling for a ban on autonomous weapons @ccwun @PAXforpeace wapenfeiten.wordpress.com/2016/04/14/goo...

MINES ACTION CANADA
@MINESACTIONCAN - 2 YEARS AGO

Heading out after a long day at #CCWUN instagram.com/p/BEMIHVUBLWz/

https://storify.com/MinesActionCan/day-4-at-ccw.html
Come out from the shadows and read the latest CCW Report!
reachingcriticalwill.org/images/document... #CCWUN @BanKillerRobots pic.twitter.com/p0l4Ije2X9

@REACHINGCRITICALWILL @RCW_ - 2 YEARS AGO

Johan H. Andresen
@FerdOwner

And, although not a nation, you may include @CouncilOnEthics as a body endorsing a ban
twitter.com/bankillerrobot...

@BanKillerRobots - 2 YEARS AGO

https://storify.com/MinesActionCan/day-4-at-ccw.html